

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1841' fsl, 1749' fwl, NE SW Section 1, T16S, R24E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 21 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1434.32

19. PROPOSED DEPTH

7580

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

8435' GR

22. APPROX. DATE WORK WILL START*

Upon receipt of approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36# K55 New	250	250 sacks
8-3/4	7	23# K55 New	4158	160 sacks
6-1/8	4-1/2	11.6# N80 New	TD	As required

Operator proposes to drill well to 7580' to test the Morrison formation. All water flows and significant hydrocarbon shows will be evaluated and reported. Drilling operations will be conducted according to the attached program and all applicable regulations. Adequate BOP equipment will be installed and maintained as indicated in the attached pressure control specifications. Casing will be run as outlined above and cemented sufficiently to protect all potentially productive intervals. No abnormal pressures, temperatures, or other hazards are anticipated.

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24.

SIGNED W. A. Ryan

TITLE Petroleum Engineer

DATE October 7, 1980

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS, UT; UT Div. of OG&M; J. C. Bendler; E. R. Henry

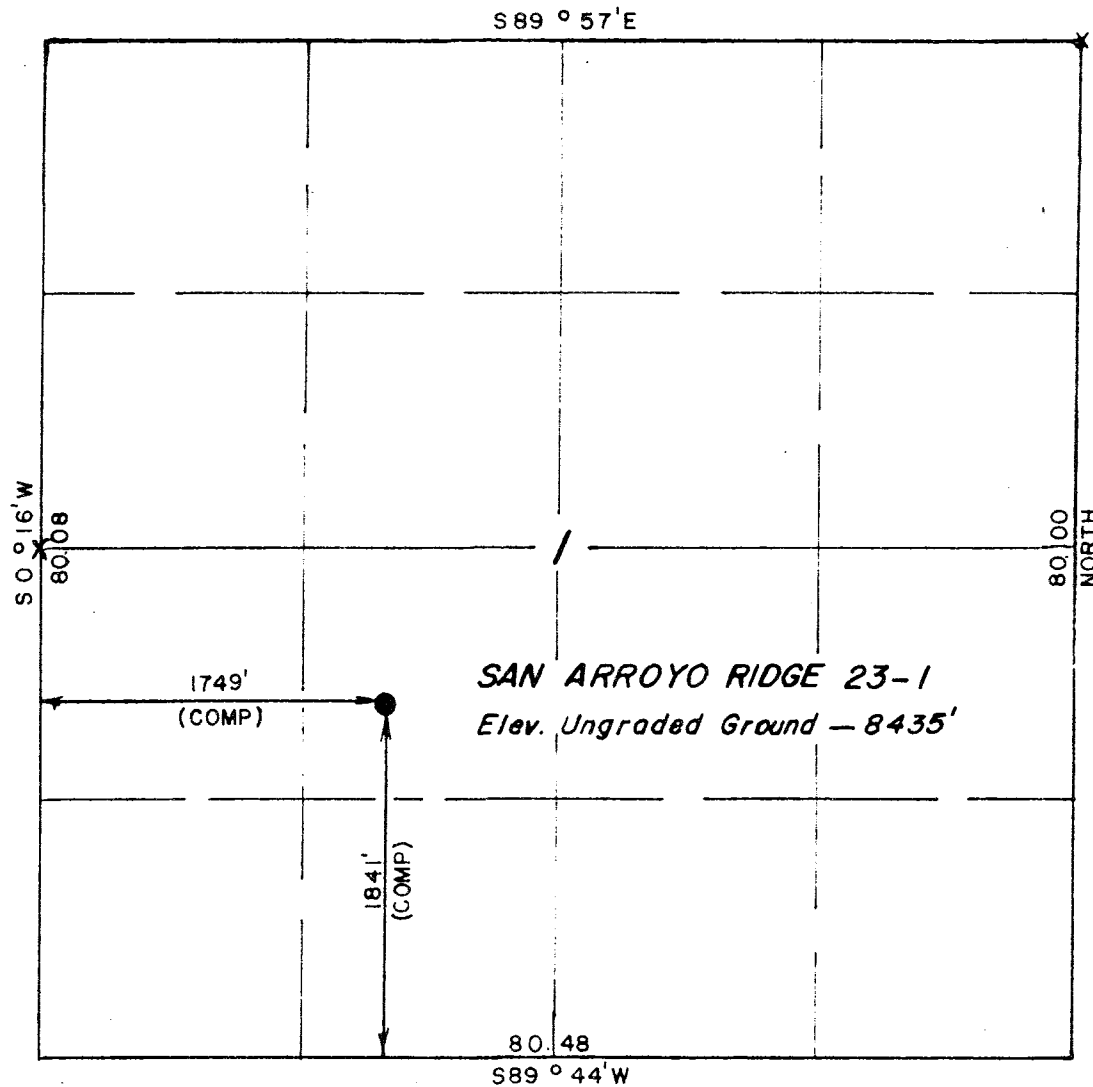
*See Instructions On Reverse Side

Operator

T16S , R24E , S.L.B.&M.

NATURAL GAS CORP. OF CALIF.

Well location *SAN ARROYO RIDGE 23-1*
located as shown in the NE 1/4 SW 1/4
Section 1, T16S , R24E , S.L.B.&M.
Grand County, Utah.



X = Section Corners Located



CERTIFICATE

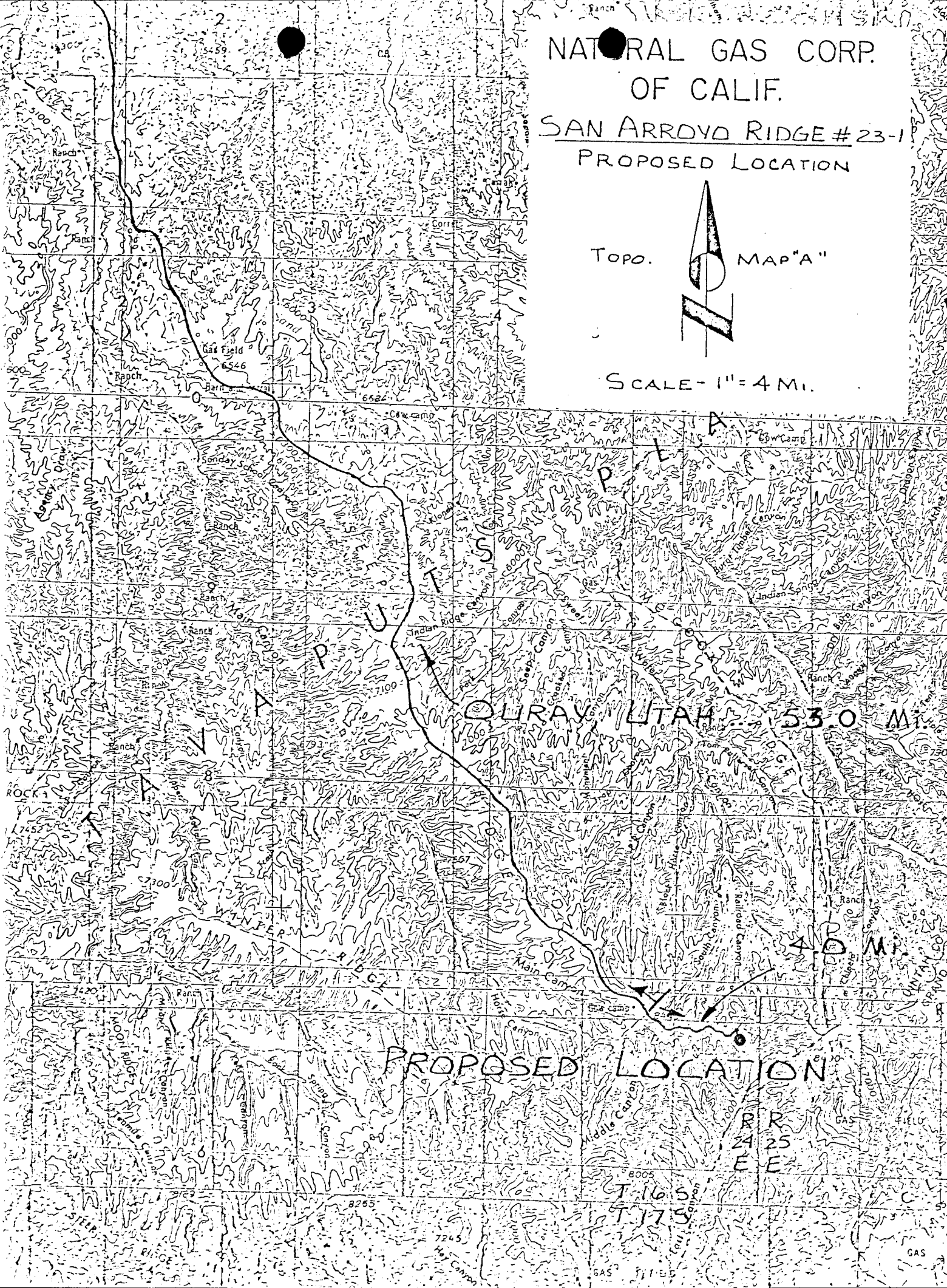
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FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
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Laurence Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9 / 24 / 80
PARTY RK DB FO	REFERENCES GLO Plat
WEATHER Partly Cloudy - Cool	FILE NATURAL GAS CORP. OF CALIF.

SCALE - 1" = 4 MI.



FORTUNE OIL COMPANY
San Arroyo #23-1 Federal
10 Point Drilling Procedure

1. Surface formation is Green River.

2. Estimated Formation Tops:	<u>Elevation</u>	<u>Datum</u>
Tertiary	Surface	+8448 KB
Mesaverde	1363'	+7085
Castlegate	3513'	+4935
Mancos	3618'	+4830
Mancos B	4258'	+4190
Dakota Silt	7128'	+1320
Morrison	7378'	+1070
TD	7580'	+ 868

3. Possible zones with gas, oil and/or water.

Mancos B
Dakota
Cedar Mountain

4. Casing Program

Surface - 9-5/8" @ 250', K-55, STC, 36.0#, New
Intermediate - 7" @ 4158', K-55, STC, 23.0#, New
Production - 4-1/2" to T.D., N-80, LTC, 11.6#, New

5. Pressure Control Equipment: See attached diagram. BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and will be checked daily as to mechanical operating conditions.

6. Mud program will be fresh water base drilling mud below surface casing to intermediate casing depth. Gel and lime should be used if needed in the event additional viscosity is required for hole cleaning. Conventional types of lost circulation materials should handle minor losses. However, if losses are severe, cement plugs should be utilized to regain circulation.

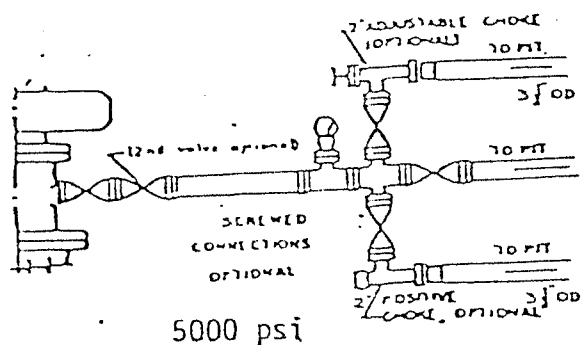
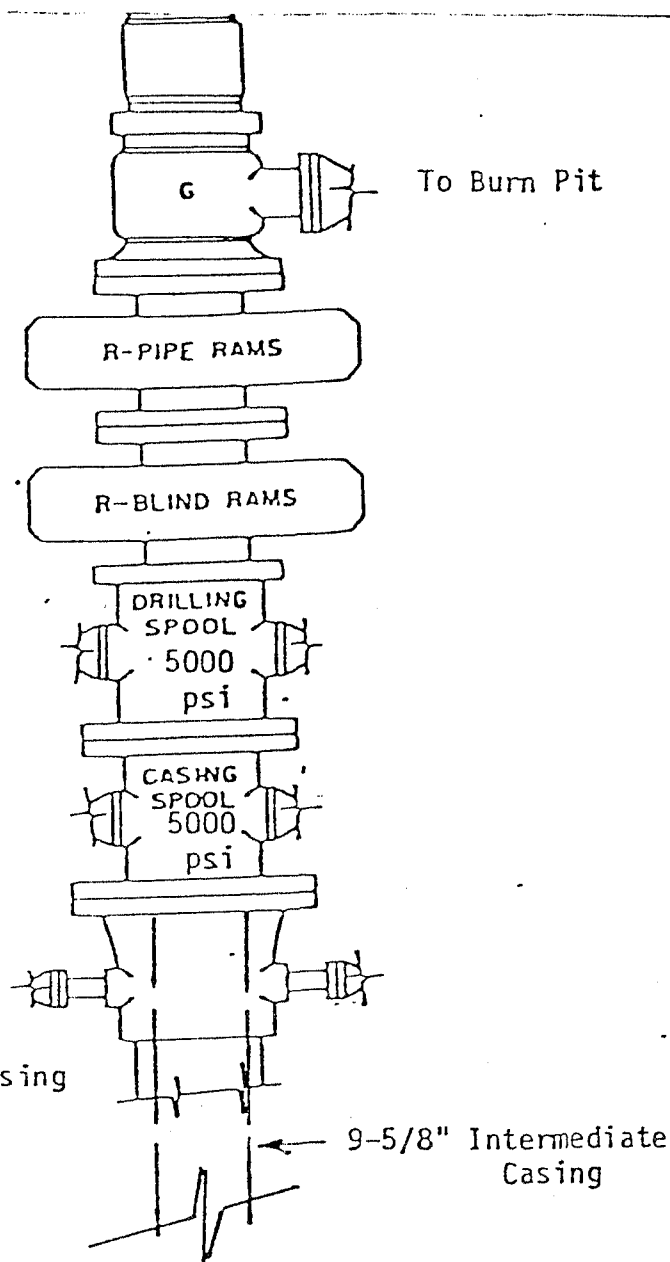
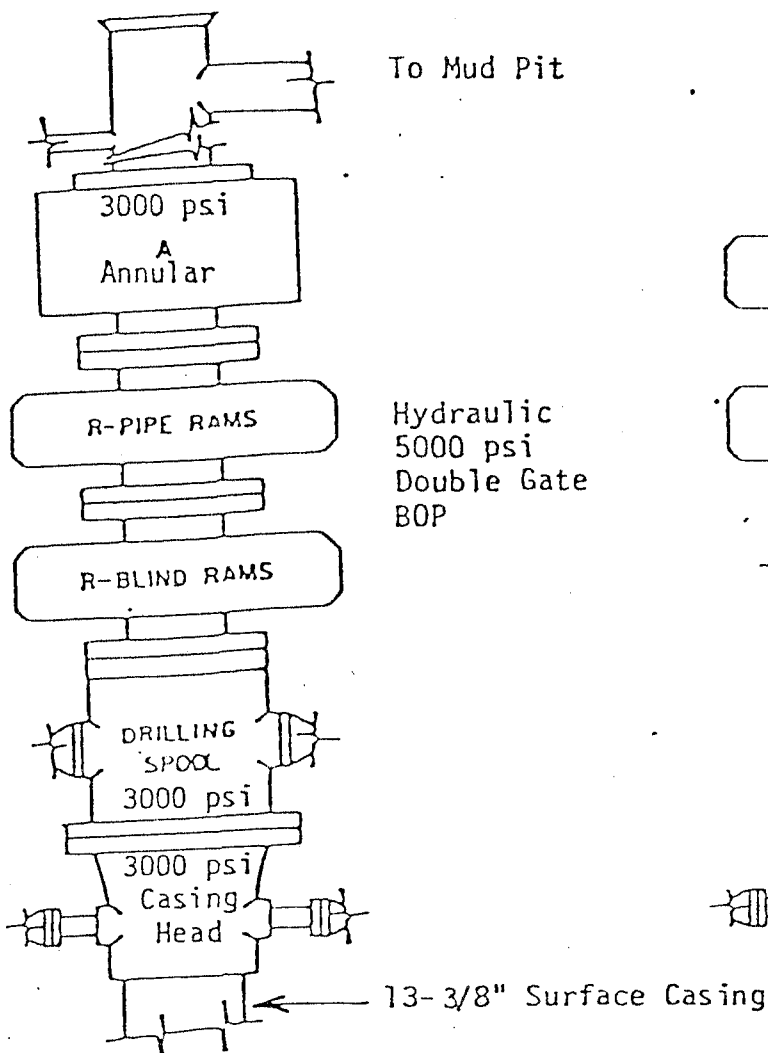
<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>
0-250	8.3-8.4	27-29
250-4158	8.4-8.8	27-29
4158-TD	Air or air mist	

7. Auxiliary equipment will include (1) Kelly cock, (2) drill pipe float (air drilling), (3) monitoring of mud system will be visual, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when kelly is not in the string and (5) rotating drilling head (air drilling).

8. No coring or drillstem testing has been scheduled for this well, however, frequent flow testing while air drilling through potential formations will be conducted. Logging will include DIL, and CNL-FDC-BHC Dip Meter from TD to base surface casing assuming we are able to mud up for our logging run. If we do not mud up the hole, the above mentioned logging runs will be replaced by SNP-GR and FDC-GR. A temperature log may be run if the well is flowing gas. Stimulation

will be determined at time of completion. A Sundry Notice will be submitted prior to commencing operations.

9. No abnormal pressures or temperatures, hydrogen sulfide, or other hazards are anticipated. However, a mud logger or wellsite geologist will be on location at all times to monitor drilling progress.
10. Anticipated starting date upon receipt of approval. Duration of drilling operations is expected to be about 15 days.



CHOKER-MANIFOLD DESIGN

TEST SCHEDULE

12" BOP System & Choke Manifold to 2500 psi.
13-3/8" and 9-5/8" casing to rated pressure
prior to drilling shoe.

Auxiliary Equipment

Lower kelly cock, full opening stabbing
valve, drillpipe float above bit, rotating
drilling head and other accessory air
drilling equipment.

FOC #23-1 Federal
Section 1, T16S, R24E

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WELL ☐GAS
WELL ☒

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ZONE ☐MULTIPLE
ZONE ☐

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SIGNED W. A. RyanTITLE Petroleum EngineerDATE October 7, 1980

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PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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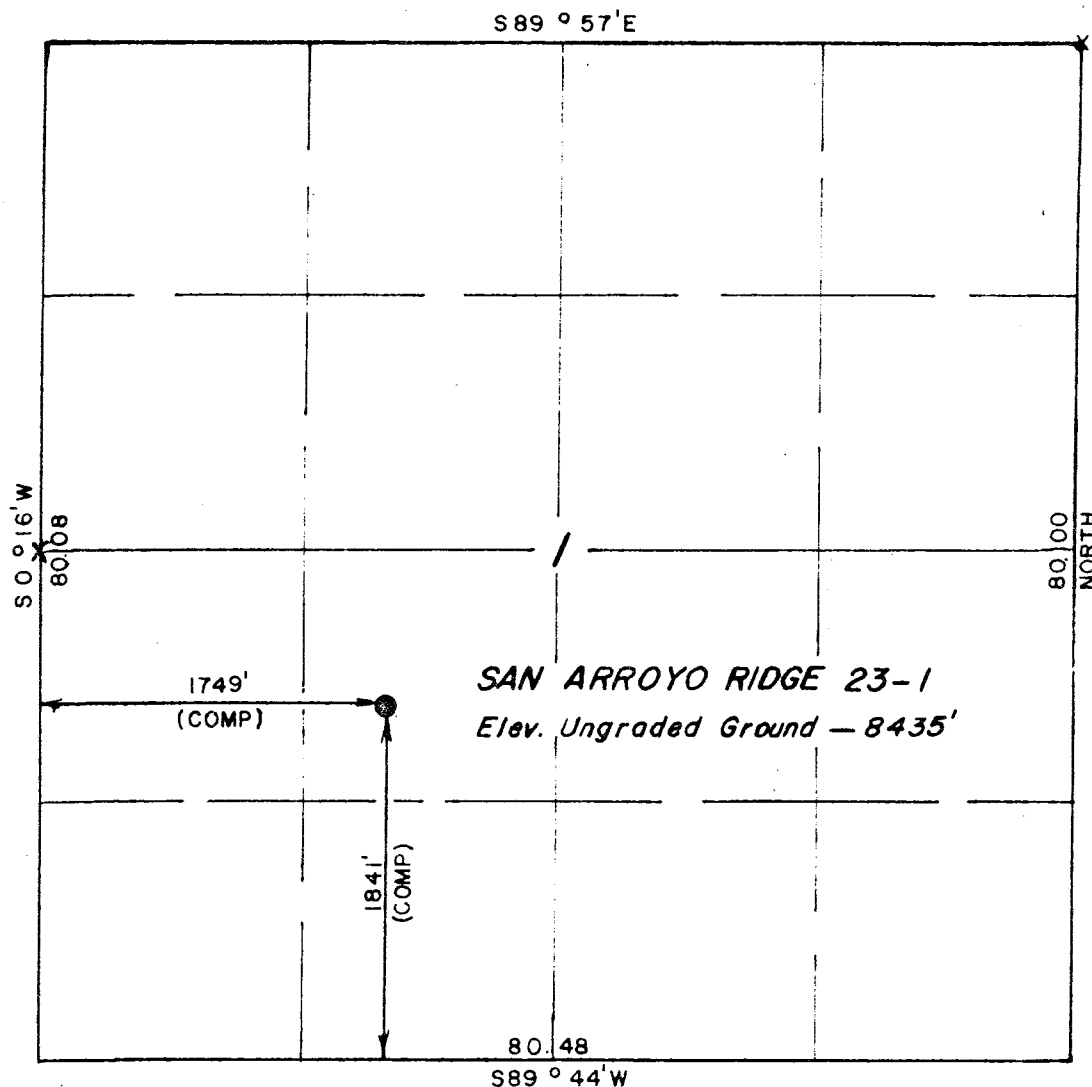
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Operator

T16S , R24E , S.L.B.&M.

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Grand County, Utah.



X = Section Corners Located



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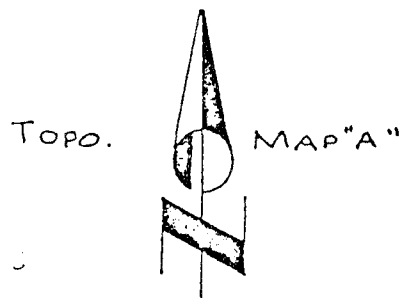
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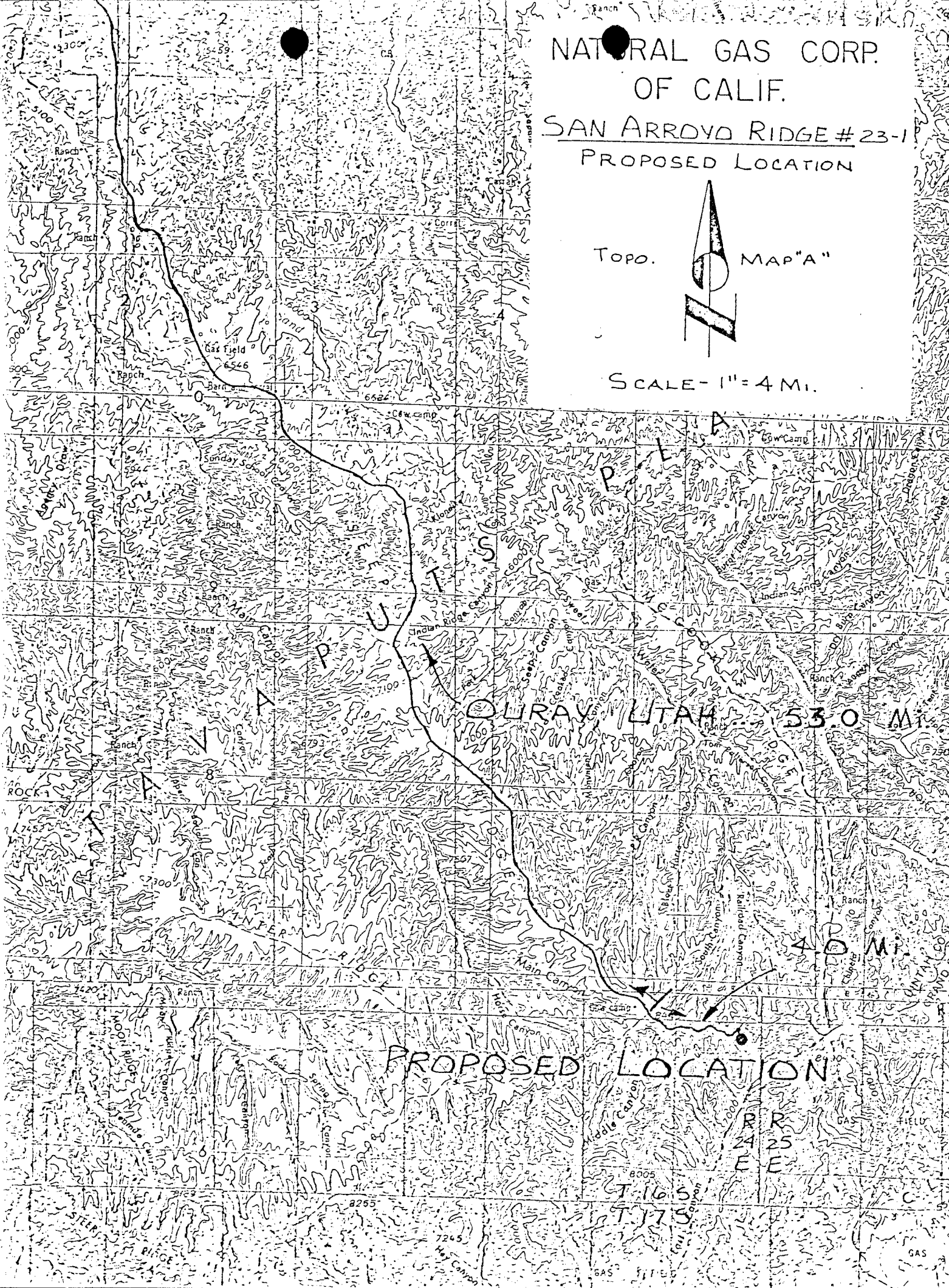
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WEATHER Partly Cloudy - Cool	FILE NATURAL GAS CORP. OF CALIF.

NATURAL GAS CORP.
OF CALIF.

SAN ARROYO RIDGE #23-1
PROPOSED LOCATION



SCALE - 1" = 4 MI.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYOIL & GAS OPERATIONS
RECEIVED

U-04967-C

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DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Fortune Oil Company

3. ADDRESS OF OPERATOR

50 S. Main Street, Suite 1570, Salt Lake City, Utah 84144

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1841' fsl, 1749' fwl, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1, T16S, R24E

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24.

SIGNED

Michael L. Pinnell
Michael L. Pinnell

TITLE

Exploration Manager

DATE

April 30, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W. P. Maltus

FOR

E. W. GUYNN

TITLE

DISTRICT OIL & GAS SUPERVISOR

DATE

JUN 18 1982

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS, UT; UT Div. of Geology, Nat. Gas Corp., Mono Power, Energy Increased PERMITTING OF
NOTICE OF APPROVAL TO OPERATOR'S COPY GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State Div. - Gas

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

JUN 17 1982
SALT LAKE CITY, UTAH

PROJECT IDENTIFICATION

Operator Fortune Oil Company
Project Type Gas Well
Project Location 1841' FSL 1749' FWL Section 1, T.16S., R.24E.
Well No. 23-1 Lease No. U-04967-C
Date Project Submitted May 21, 1982

FIELD INSPECTION Date June 10, 1982

Field Inspection
Participants Greg Darlington - MMS, Kernal
Cory Bodman - BLM, Kernal
Tom Dyk - Fortune Oil
Garry Hatch - Fortune Oil
Dan Naylor - Northwest Pipeline
Rex Fox - Northwest Pipeline
Mike Brady - Brady Brothers Construction

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

June 15, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

JUN 17 1982
Date

W.D. Maltus FOR E. W. GUYNN
District Supervisor DISTRICT OIL & GAS SUPERVISOR

Proposed Actions :

Fortune Oil Company plans to drill the Federal # 23-1 well, a 7580 gas test of various formations.

A new access road of 200 foot length with a Y-intersection will be built along the top of the ridge to reach Seep Ridge highway. Adequate measures will be taken when crossing existing pipelines. An area of operations about 205' by 325' is requested for the location and would include reserve pits approximately 45' by 300'. The backside of the location is parallel to Seep Ridge Road.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 10

Well No.: Fortune Oil 23-1

Lease No.: U-04967-C

Approve Location: ✓ with narrow long pit

Approve Access Road: ✓ with ^{right of way} intersection to minimize impacts to pipelines and safety.

Modify Location or Access Road: Y intersection 200' access required

Long narrow 45' X 325' pit area authorized keep pit not to exceed 45' wide to avoid being required to line pit. Step Sidhill below pit.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Darita Enterprises is consultant and

representative for Fortune Oil Company (Tom Dyk 307-587-5632)
Step sidehill below pit. Narrow location but easy to reach.
MT road and NW pipeline intersect then cross under
with Seep Ridge Road near the Wellsites NNE corner.

Narrow pad on the SW side, previously permitted in 1980
for NGCC New water source agreement required, protection of NW Pipeline
required. Seismic impacts involved. Location is at top end of Railroad Canyon.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1, 2, 4, 6	June 10 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
3. Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
 2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
 3. Lease Stipulations/Terms
 4. Application Permit to Drill
 5. Operator Correspondence
 6. Field Observation
 7. Private Rehabilitation Agreement
8. *On-site Requirements other than the items 1-7.*



San Arroyo Area
South East from Fortune #23-1



South west side of Pad
Fortune #23-1

23-1

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APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: April 27, 1982

Zone II, Drilling BY: [Signature]
UNIT #1

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TITLE

Exploration Manager

DATE

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APPROVED BY

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cc: USGS, UT; UT Div. of OG&M, Nat. Gas Corp., Mono Power, Energy Increments.

NATURAL GAS CORP. OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

San Arroyo Ridge 23-1

Located In

Section 1, T16S, R24E, S.L.B. & M.

Grand County, Utah

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo Ridge 23-1
Section 1, T16S, R24E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Natural Gas Corp., well location San Arroyo Ridge 23-1, located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1, T16S, R24E, S.L.B. & M., Grand County, Utah, proceed West from Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this highway and Utah State Highway 88 that exists to the South. Proceed South along Utah State Highway 88 - 17.8 miles to Ouray, Utah. Proceed South from Ouray along the Uintah County Road (of which the first 12 miles is paved and the rest an improved dirt road), 53 miles to P.R. Springs; proceed Easterly along a improved dirt road that is called the McCook Ridge road 3.6 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the road is surfaced with native asphalt for approximately 12 miles, and then is improved dirt.

There will be no construction on the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The highways mentioned above are under Utah State jurisdiction and are maintained by State Road Crews. The County road is constructed of native asphalt (partially) and is maintained by County Road crews.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1, T16S, R24E, S.L.B. & M. and proceeds in a Southerly direction approximately 40' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 $\frac{1}{2}$ to 1 slopes and terraced.

2. PLANNED ACCESS ROAD - cont...

There will be no culverts required along this road.

There will be no turnouts required along this access road.

There are no fences encountered along this access road. There will be no gates or cattleguards required.

Most lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

There are no known water wells, producing wells, abandoned wells, disposal wells, drilling wells, shut in wells, injection, monitoring or observation wells, for other resources within a one mile radius of this location site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no existing batteries, production facilities, gas gathering lines, injection or disposal lines within a one-mile radius of this location site belonging to Natural Gas Corp. of California.

In the event that production of oil from this well is established, then the existing area of the location well be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities if deemed necessary by the controlling agencies involved.

In the event that the production of natural gas is established then the necessary arrangements for a gas flowline will be made.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Item #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

The anticipated water supply for this location is from P.R. Springs in Section 33, T15½S, R23E, S.L.B. & M. and will be hauled by truck the 3.6 miles over the roads discussed in Item #1 and #2,

5. LOCATION AND TYPE OF WATER SUPPLY - cont...

If this water source is not available then the necessary arrangements will be made to acquire the water needed for the drilling and production of this well and all agencies involved will be notified of any changes.

All regulation and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

All appropriate permits will be acquired and submitted to the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Land Fill.

A portable chemical toilet will be supplied for human waste.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo 23-1
Section 1, T16S, R24E, S.L.B.&M.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet & Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access road shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Item #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The terrain of the general area slopes from the rim of the Book Cliff Mountains to the North to the Colorado River to the South and is a portion of the East Tavaputs Plateau.

11. OTHER INFORMATION - cont...

The area is interlaced with numerous ridges and canyons formed by non-perennial streams and washes. The sides of the hills and canyons are rather steep and outcrops of sandstones, conglomerates, and shale deposits, are common in the area forming ledges and cliffs along the sides of the canyons.

The visible geologic structures in the area are of the Tuscher Formation Tertiary Period and the Wasatch Formation also of the Tertiary Period.

The major drainage in the area with a year-round flow is the West Fork Bitter Creek to the East.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rain storms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

The topsoil in the area ranges from a sandy-clay (SM-ML) type soil to a clayey (OL) type soil.

Due to the low precipitation average, climate condition and the types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in, and consists of juniper and pinion pine trees, sagebrush, scrub oak, shadscale, and bitterbrush, and some grasses and cacti as the primary flora.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various forms of reptiles.

The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B").

The proposed location sits on the top of a ridge above East canyon to the Southeast and Railroad and Dry Canyons to the North.

The visible structure of the location is of the Tuscher formation and consists of brownish-gray sandy-clay (SP-CL) with some shale outcrops.

The ground slopes through the location to the Northwest at approximately a 4.5% grade.

The location is covered with juniper and pinion pine trees, scrub oak, sagebrush, and grasses.

NATURAL GAS CORP. OF CALIFORNIA
San Arroyo 23-1
Section 1, T16S, R24E, S.L.B. & M.

11. OTHER INFORMATION - Cont...

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Michael L. Pinnell
50 South Main Street, Suite 1570
Salt Lake City, Utah 84144
1-801-532-7797 (Office)
1-801-942-1709 (Residence)

13. CERTIFICATION

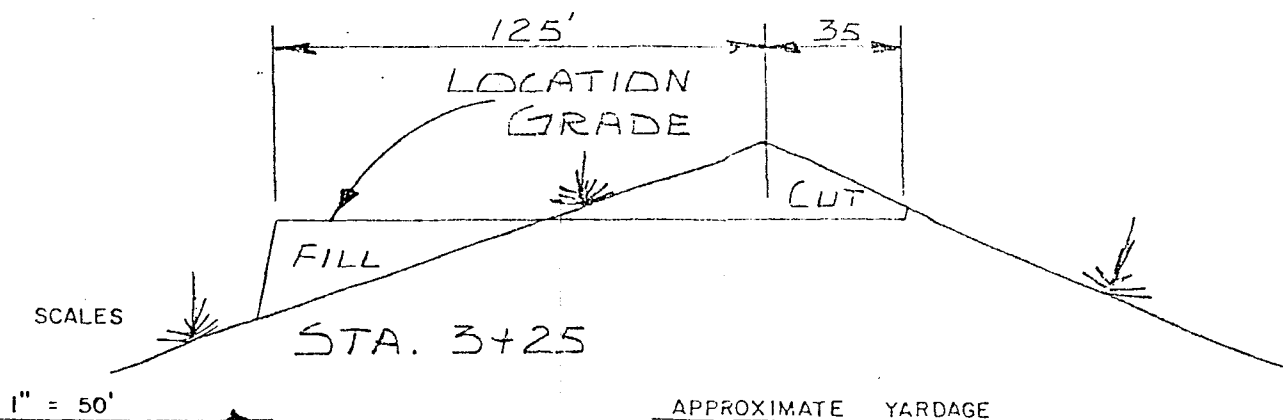
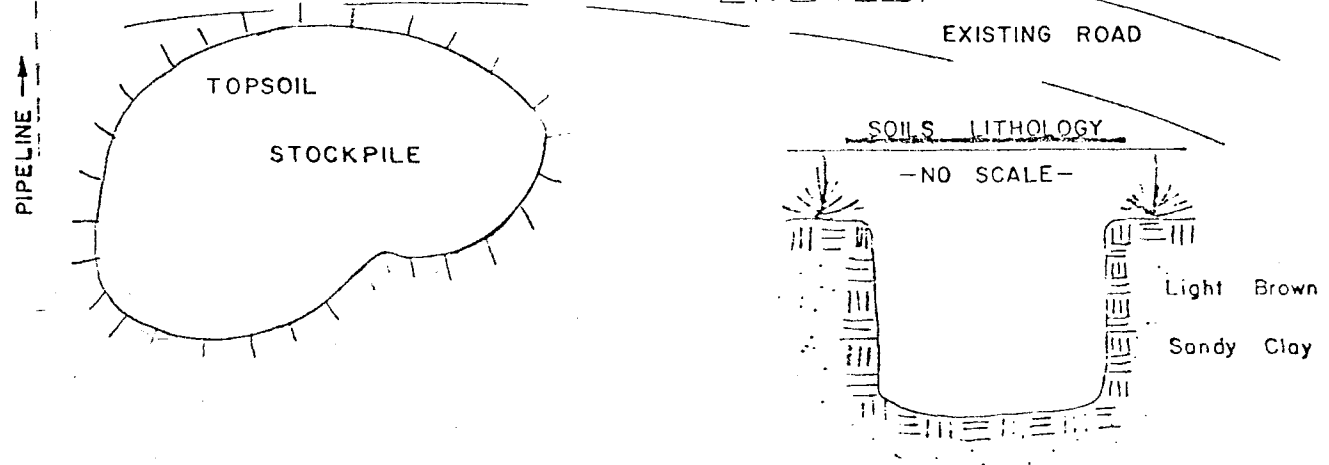
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by the Fortune Oil Company its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

May 12, 1982

Date

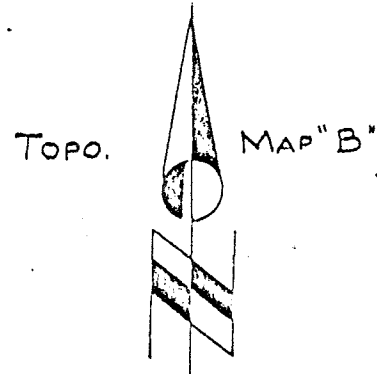


Michael L. Pinnell



Cubic Yards of Cut - 2,490
Cubic Yards of Fill - 1,587

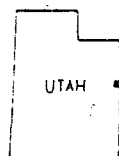
NATURAL GAS CORP.
OF CALIF.
SAN ARROYO RIDGE #23-1
PROPOSED LOCATION



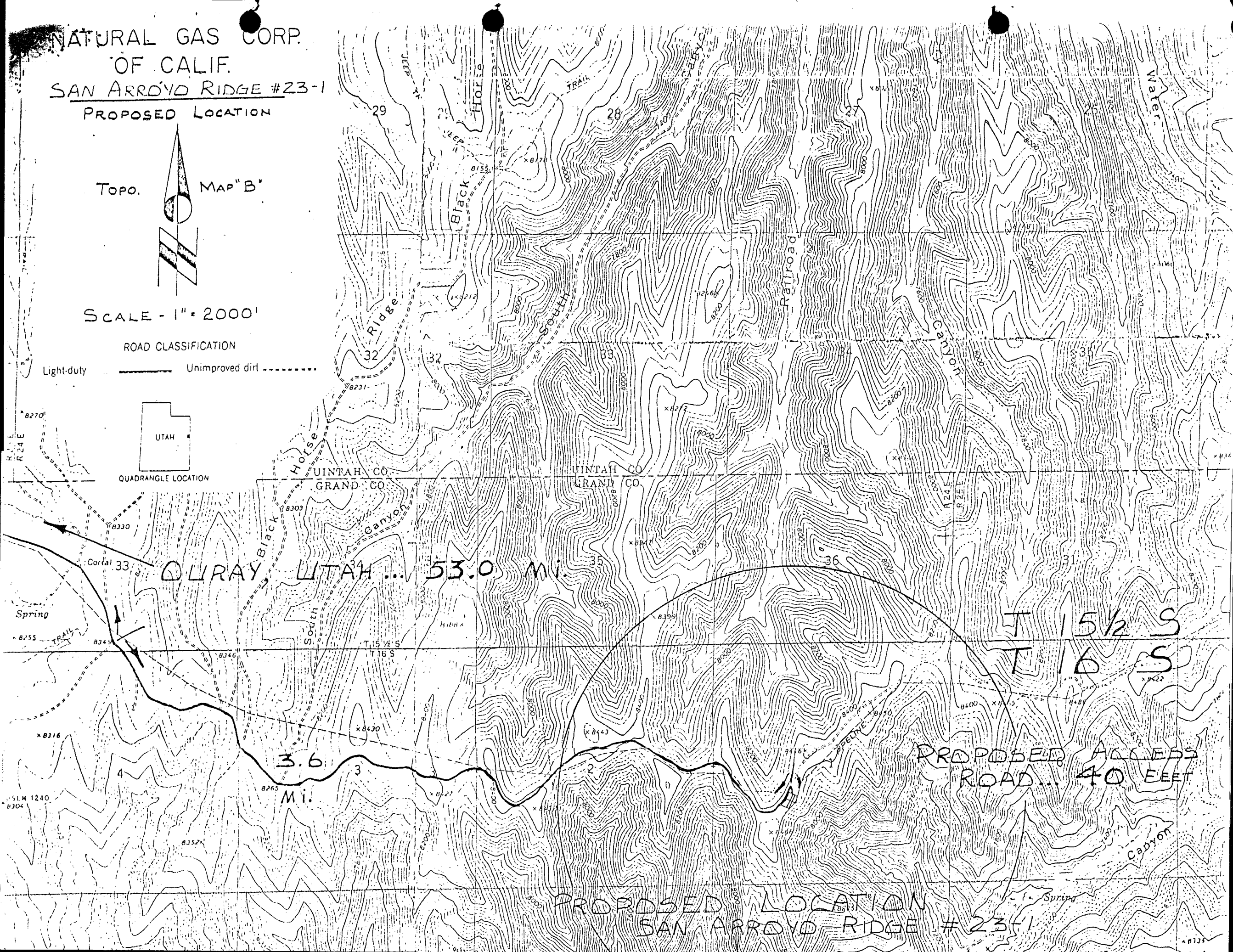
SCALE - 1" = 2000'

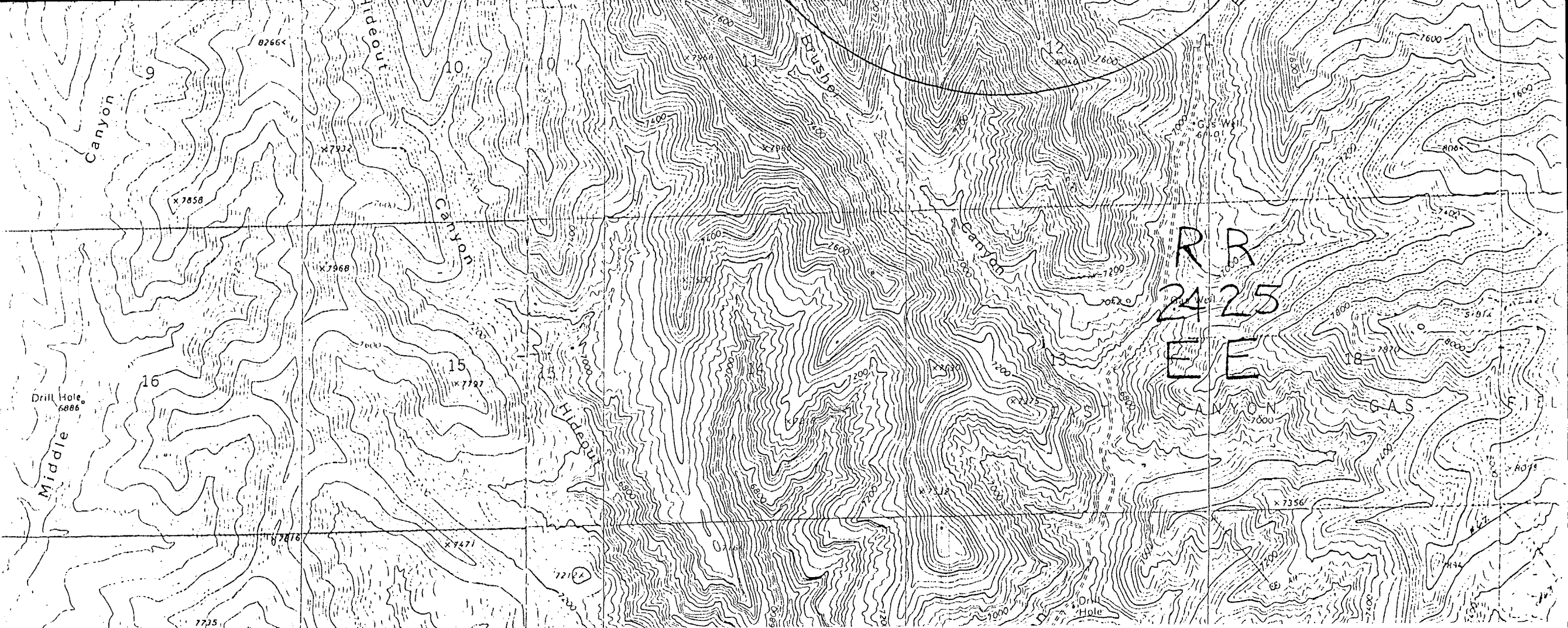
ROAD CLASSIFICATION

Light-duty ————— Unimproved dirt - - - - -



QUADRANGLE LOCATION





ARCHAEOLOGICAL RESEARCH CORPORATION • 125 E. 300 S., SUITE 105 • PROVO, UTAH 84601 • (801) 375-7589

SUBJECT: Archaeological Reconnaissance of Nine Proposed
Natural Gas Wells in the San Arroyo Ridge Area
Grand County, Utah

AUTHOR: Clayton W. Cook

DATE: October 1980

PERMIT: BLM# 80-Ut-137
State# 537

PREPARED FOR: Mr. Bill Ryan
Natural Gas Corporation of California
85 South 200 east
Vernal, Utah 84078

Mr. Richard Fike
Bureau of Land Management
136 East South Temple
Salt Lake City, Utah 84111

Dr. David Madsen
State Antiquities Office
307 West 200 South, Suite 1000
Salt Lake City, Utah 84101

Mr. Elmer Duncan
Grand Resource Area, BLM
P. O. Box M, Sand Flats Road
Moab, Utah 84532

Mr. Gene Day
Moab District, BLM
P. O. Box 970
Moab, Utah 84532

U.S.

Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of Inspection for Cultural Resources

BLM Report No. 14-10

Report Acceptable	Yes	No
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Mitigation Acceptable	Yes	No
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Comments: _____

Report Title A B C H R E D O N G A S W E L L S G R A N D C O

Development Company Natural Gas Corporation of California

Report Date 11/01/1980

4. Antiquities Permit No. ~~80-Ut-137~~

Responsible Institution

	MONTH	YEAR	
	U	T	A
	R	C	

County Grand

Fieldwork Location: TWN

1	6	S
62		65

 Range

2	5	E
66		69

 Section(s)

7	8	20	
70 71	72 73	74 75	76 77

TWN 163 Range 24E Section(s) 86 87 88 89 90 91 92 93
78 81 82 85

Resource Area 110 GR 111 TWN 1 5 4 6 Range 2 5 E Section(s) 3 1

PO= PONY EXPRESS, BR= BEAR RIVER, PR= PRICE RIVER, WS= WARM SPRINGS

PC=PORT EXPRESS, BR=BEAR RIVER, FR=FRISCH RIVER, WS
BO=BOOK CLIFFS, HR=HOUSE RANGE, SE=SEVIER RIVER,
HM=HENRY MOUNTAINS, BE=BEAVER RIVER, DX=DIXIE
KA=KANAB, ES=ESCALANTE, SJ=SAN JUAN, GR=GRAND
SR=SANRAFAEL, DM=DIAMOND MOUNTAIN.

Fill in spaces 65, 69, 81, 85, 97, 101 Only if
V=Vernal Meridian
H=Half Township

Description of Examination Procedures:

All areas of proposed impact were intensively surveyed for cultural resources by parallel transects.

Linear Miles Surveyed and/or 15 112 117

10. Inventory Type [R]
130

Definable Acres Surveyed and/or

3	6	0		
118				123

R = Reconnaissance
I = Intensive
S = Statistical Sample

* Legally Undefinable Acres
Surveyed

(* A parcel hard to cadastrally locate i.e., center of section)

Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: 10
No sites = 0 131 13

No historic, prehistoric or isolated artifacts were encountered.

13, Collection: N Y=Yes, N=N
136

Actual/Potential National Register Properties Affected:

· none

Conclusion/Recommendations:

It is recommended that the project be cleared to continue as scheduled.

Signature and Title of Institutional Officer Responsible

Staff Archaeologist

INTRODUCTION:

On October 23, 1980, Utah Archaeological Research Corporation was contracted by the Natural Gas Corporation of California to conduct archaeological reconnaissance of nine proposed natural gas wells in the San Arroyo area of Grand County. The proposed wells were located in and around the East Canyon Gas Field and have the following location designations:

Location#	42-8	T16S R25E Sec. 8
	21-7	T16S R25E Sec. 7
	43-7	T16S R25E Sec. 7
✓	23-1	T16S R24E Sec. 1
	21-11	T16S R24E Sec. 11
	31-1	T16S R24E Sec. 1
	41-14	T16S R24E Sec. 14
	12-20	T16S R25E Sec. 20
	34-31	T15½S R25E Sec. 31

Fieldwork was completed on said date by Clayton W. Cook, Staff Archaeologist for UTARC.

METHODOLOGY

Prior to entering the project area a literature search was conducted at the office of the Utah State Historical Society Division of Antiquities. This search showed only one previously recorded site on the San Arroyo Ridge Quadrangle and close to the project area. The site is designated 42GR879 and was recorded by Charles Haecker of the Division of Conservation Archaeology on October 10, 1978. Haecker describes the site as several artifact clusters of lithic, ceramic and bone. He suggests that the site

is a probable hunting camp and points out that due to the heavy leaf cover and brush growth it was impossible to conduct a complete site inventory. 42GR876 will not be impacted by this project, but this information gave the fieldworker an idea as to the type of site that might be encountered and to the problems that might arise in recording sites in this area.

Strategy for survey of the proposed gas wells was to first survey the access roads by walking a fifty foot corridor (25 feet on one side while walking in to the site and 25 feet on the other side while walking out). The access roads had previously been surveyed and staked which made the procedure much easier. Once the well location was reached parallel transects were walked in a zig-zag fashion until approximately 30-40 acres had been surveyed. In this manner all proposed impact areas were thoroughly checked for the presence of historic, prehistoric and isolated artifact remains.

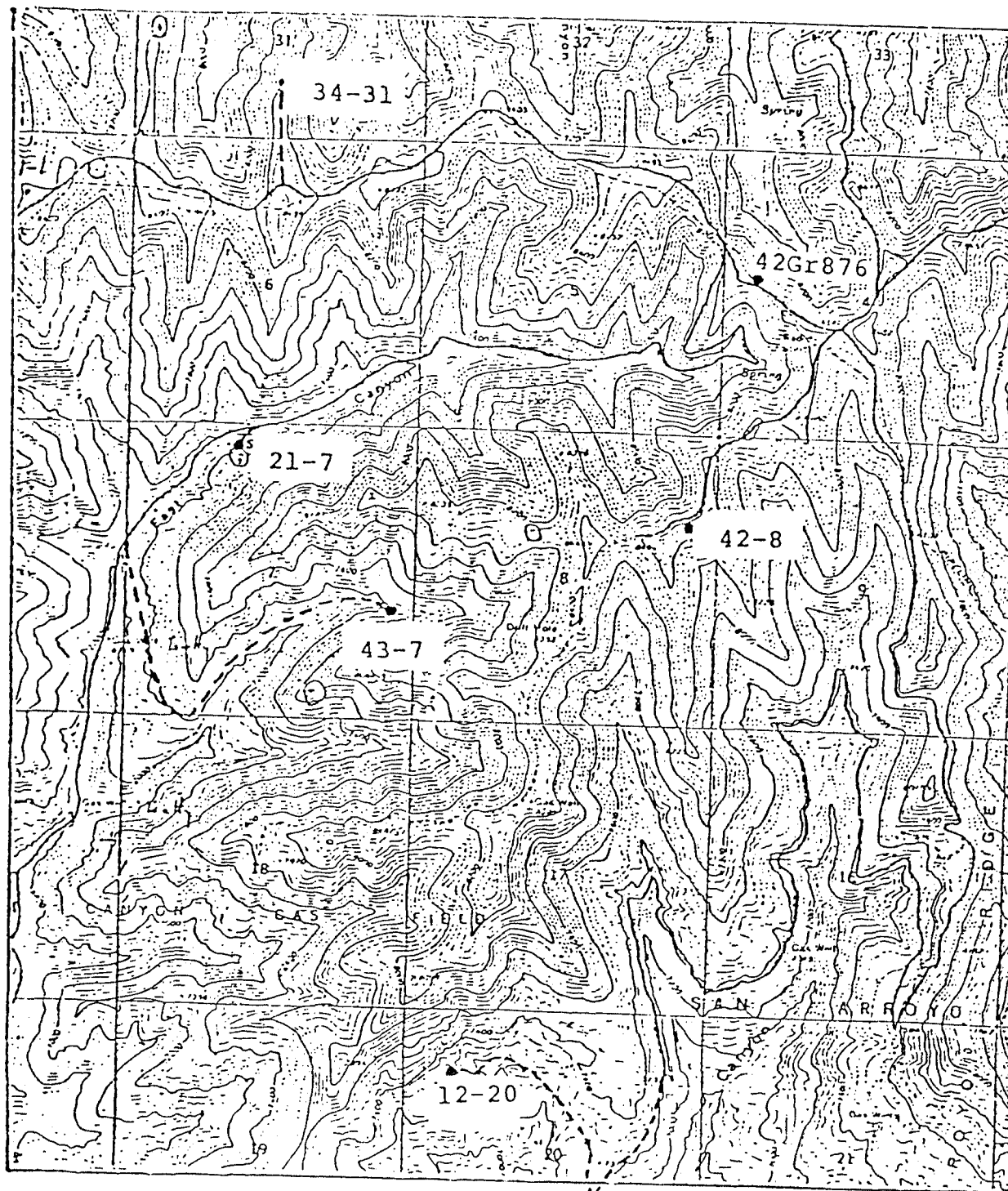
RESULTS OF SURVEY

No cultural remains were encountered at any of the nine proposed gas wells or along any of the proposed access roads. However, two factors that increase survey difficulty should be mentioned. One is the steepness of the canyon sides (the average slope being 60-70%) making it difficult to survey and highly unlikely that cultural remains will be encountered. The one site in the area (42GR876) is located on a natural pass between East Canyon and Chipeta Canyon along Tom Patterson Ridge. This is the most likely place in the area to find cultural remains, on the ridges and in the canyon bottoms.

The second factor is vegetation. The area is covered with thick scrub oak and other brush that makes it difficult not only to walk but also to find cultural remains. In the fall and early winter before the snow comes the leaf cover is quite thick making it very difficult to see the ground. In this situation artifacts could easily be covered up and overlooked. In the summer the brush is too thick to be able to get a good view of the ground. The best time of the year to conduct archaeological reconnaissance in this area would seem to be late spring and early fall before new growth and before leaf fall.

RECOMMENDATIONS

Since no cultural resources were encountered in the project area, it is recommend that the project be cleared to continue as scheduled.



0 $\frac{1}{2}$ 1 mile
SCALE 1:24000

↑ N

PROJECT: NGC-80-1

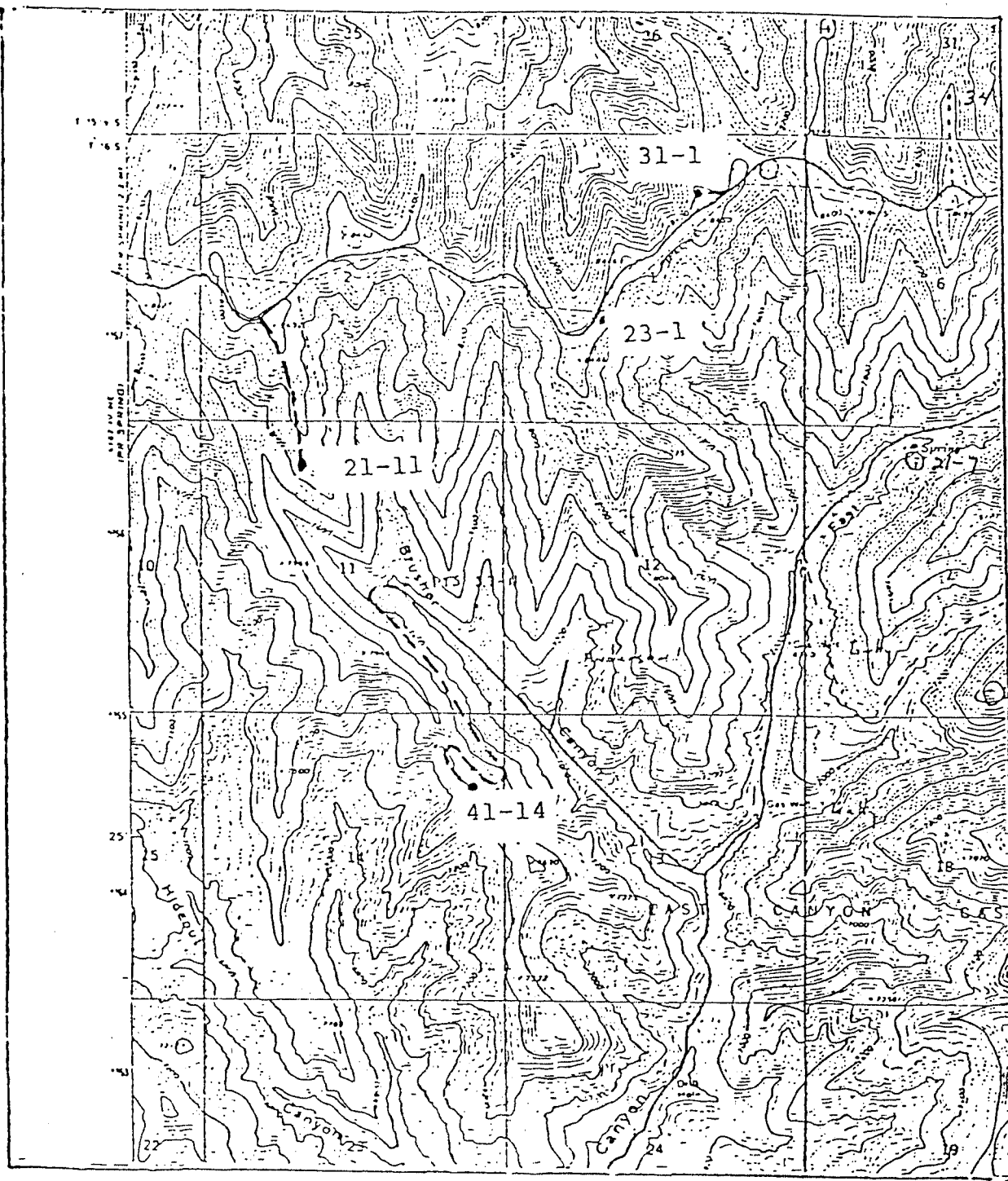
TOWNSHIP: 16S

COUNTY: Grand

RANGE: 25E

QUADRANGLE: San Arroyo Ridge

LEGEND: — — — Access Road
● Well Location



0 1/2 1 mile
SCALE 1:24000

↑ N

PROJECT: NGC-80-1

TOWNSHIP: 16S and 15½S

COUNTY: Grand

RANGE: 24E

QUADRANGLE: San Arroyo Ridge

LEGEND: --- Access Road
● Well Location

23-1

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Moab, Utah
SERIAL NO.: U-04967-C

and hereby designates

NAME: Fortune Oil Company
ADDRESS: 50 S. Main Street, Suite 1570
Salt Lake City, Utah 84144

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T. 16 S., R. 24 E., S.L.M.
Section 1: W $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

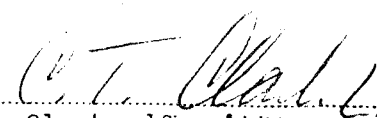
The lessee agrees promptly to notify the supervisor of any change in the designated operator.

NATURAL GAS CORPORATION OF CALIFORNIA

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT
IS FILLED IN U-46500 AND SUCH
AUTHORITY IS STILL IN EFFECT.

May 7 , 1982

(Date)

By 
C. T. Clark, Jr., Attorney-in-Fact
Denver Corporate Center-Tower II
7800 E. Union Avenue, Suite 800
Denver, Colorado 80237

(Address)

237

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

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SERIAL No.: U-04967-C

and hereby designates

NAME: Fortune Oil Company
ADDRESS: 50 S. Main Street, Suite 1570
Salt Lake City, Utah 84144

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PACIFIC TRANSMISSION SUPPLY COMPANY

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT
IS FILLED IN U-46500 AND SUCH
AUTHORITY IS STILL IN EFFECT.

By (C. T. Clark)
C. T. Clark, Jr., Attorney-in-Fact

May 7, 1982

(Date)

245 Market Street
San Francisco, California 94105

(Address)

23-1

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Moab, Utah
SERIAL No.: U-04967-C

and hereby designates

NAME: Fortune Oil Company
ADDRESS: 50 S. Main Street, Suite 1570
Salt Lake City, Utah 84144

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T. 16 S., R. 24 E., S.L.M.
Section 1: W $\frac{1}{2}$

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In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

MONO POWER COMPANY


.....
(Signature of lessee)

May 11, 1982

.....
(Date)

P. O. Box 800
Rosemead, California 91770

.....
(Address)

23-1

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Moab, Utah
SERIAL NO.: U-04967-C

and hereby designates

NAME: Fortune Oil Company
ADDRESS: 50 S. Main Street, Suite 1570
Salt Lake City, Utah 84144

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T. 16 S., R. 24 E., S.L.M.
Section 1: W $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ENERGY INCREMENTS, A DIVISION OF
CARSON WATER COMPANY

Samuel D. Philo

(Signature of lessee)

May 6, 1982

(Date)

5241 Spring Mountain Road
Las Vegas, Nevada 89114

(Address)

U. S. G. S.

Attached please find a new Certification by Michael L. Pinnell of Fortune Oil Company to replace the Certification attached to the enclosed 13 Point Plan

FORTUNE OIL COMPANY

**** FILE NOTATIONS ****

DATE: May 21, 1982

OPERATOR: Fortune Oil Company

WELL NO: Federal 23-1

Location: Sec. 1 T. 11S R. 24E County: Grand

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

721

API Number 43-019-30 ~~43-019-30~~

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: As per order below, Zone II, Drilling
Unit #1 2000 605

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. 149-1, 3-14-73

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation FED

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

June 2, 1982

Fortune Oil Company
50 S. Main Street, Suite 1570
Salt Lake City, Utah 84144

RE: Well No. Federal 23-1
Sec. 1, T16S, R24E
Grand County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-1, dated 03-14-73.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455


Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30952.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Ronald J. Firth
Chief Petroleum Engineer

RJF:SC
cc: Minerals Management Service
Enclosure

June 11, 1982

Fortune Oil Company
50 S. Main Street, Suite 1570
Salt Lake City, Utah 84144

RE: Well No. Federal 23-1
Sec. 1, T16S, R24E
Grand County

The API number originally assigned to this well was 43-019-30952.
The new API number from now on will be 43-019-30721. Please change
this number in your records.

Sincerely,


RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

MINERALS MANAGEMENT SERVICE
OIL & GAS OPERATIONS
RECEIVED
T & R
U-802

JUN 16 1982

SALT LAKE CITY, UTAH

June 14, 1982

Ed Guynn, District Engineer
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Fortune Oil Company
Well #23-1, Sec. 1, T16S, R24E.

Dear Sir:

A joint field examination ^{was} made on June 14, 1982, of the above referenced well site location and proposed access road. We feel that the surface use and operation plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration."
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
5. Barbed wire fence will be use around the reserve pits.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding or restoration requirements.
7. PR Springs may not be used as a water source.
8. Trees and brush will be pushed off the road and pad prior to any mineral soil being bladed.

9. The reserve pits were changed to 45 feet by 325 feet from 77 feet by 150 feet.
10. The top 6 to 8 inches of topsoil will be stockpiled between reference corners #7 and #8.

In order to minimize watershed damage, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

An archaeological clearance has been conducted of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened or endangered flora, fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,

For Karl F. Wright
Dean L. Evans
Area Manager
Bookcliffs Resource Area

PI
HOTLINE

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: FORTUNE OIL COMPANY

WELL NAME: FEDERAL 23-1

SECTION 1 TOWNSHIP 16S RANGE 24E COUNTY GRAND

DRILLING CONTRACTOR ATCO DRILLING INC.

RIG # 18

SPODDED: DATE 06-26-82

TIME 8:00 AM

How ROTARY

DRILLING WILL COMMENCE

REPORTED BY SANDY

TELEPHONE # 532-7797

DATE 06-28-82 SIGNED SLC

OIL COMPANY
Fortune

50 South Main Street
Suite 1570
Salt Lake City, Utah 84144
Phone: (801) 532-7797

June 28, 1982

Natural Gas Corporation of California
Denver Corporate Center - Tower II
7800 E. Union Avenue, Suite 800
Denver, Colorado 80237

Attention: Mr. R. F. Boswell
Operations Manager

Mono Power Company
P. O. Box 800
Rosemead, California 91770

Attention: Mr. Bobby Cohl
Exploration Department

Energy Increments, a Division of Carson Water Company
5241 Spring Mountain Road
Las Vegas, Nevada 89114

Attention: Mr. Tom Armstrong
Production & Special Projects Engineer

RECEIVED
JUN 29 1982

**DIVISION OF
OIL, GAS & MINING**

Re: First Drilling Report
Fortune etal Federal No. 23-1 Well
1841' FSL, 1749' FWL,
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1
T. 16 S., R. 24 E., S.L.M.
Grand County, Utah

6-26-82

Official spudding of well. Drilled 12 $\frac{1}{4}$ " hole to 256'. SDFN

6-27-82

Ran 251.6' of 9 5/8" 32.3 lb limited surface casing, set to 254'. Plug at 212'. Cemented with 190 sacks of Class G with 2% CaCl₂, 2% Flo Seal. Lost returns on cement job. Waited 2 hours and pumped 40 sacks of Class G with 2% CaCl₂ and 2% Flo Seal down the annulus. Had cement to surface.

Costs to Date - Pre-drilling \$43,345.28
(Includes building location, permitting, engineering, surface pipe, archeological, etc., up until they move big rig on and spud well.

Atco Drilling, Inc. Rig #18 being moved onto location.

End Report

for Sandra J. Kinnery
Michael L. Pinnell

NOTICE OF SPUD

Company: Indiano Oil Company

Caller: Tom Dyke

Phone: _____

Well Number: 23-1

Location: NESW 1-16S-24E

County: Grand State: Utah

Lease Number: U-04967-C

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 6-26-82 8:00 A.M.

Dry Hole Spudder/^{Small}Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" Hole - Set
Surface pipe

Rotary Rig Name & Number: ATCO Rig #18

Approximate Date Rotary Moves In: 6-30-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 6-28-82

RECEIVED

JUN 29 1982

DIVISION OF
OIL, GAS & MINING

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 20, 1982 Depth at report time 7,550' - total depth

Breakdown of hours:

Trips 5 $\frac{1}{4}$
Rig repair $\frac{1}{2}$
Logging 8
Testing gas 3
WOO 6

Log Tops:

Mesaverde	1426'
Castlegate	3598'
Mancos	3616'
Mancos "B"	4340'
Gas Sand	4472'
Base Mancos B	5104'
Frontier	6950'
Dakota Silt	7218'
Dakota Sand	7268'
Cedar Mountain	7348'
Morrison	7456'
T.D.	7550'

Total daily cost \$20,629
Total cost to date \$308,093

July 21, 1982 Depth at report time 7,550' - total depth

Breakdown of hours:

Trips 1 $\frac{1}{2}$
Rig repair 3/4
Blow hole with air $\frac{1}{2}$
WOO 5 $\frac{1}{2}$
Lay down drill pipe & drill collars 8 $\frac{1}{2}$
WO Cementers 1 $\frac{1}{2}$
Run 4 $\frac{1}{2}$ " casing 7

Mud weight 8.7#, vis. 68, fluid loss 4.6, filter cake
2/32, PH 9.

Ran casing to bottom in air filled hole. Cementing
casing now. Should release rig this afternoon.

Rig released at 5:00 p.m., July 21, 1982

Total daily cost \$7,765
Total cost to date \$315,858

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

7-30-82

Graded location and set and tested rig anchors.

Pre-move in costs (between drilling rig release and 8-3-82 \$72,130 (\$53,580 4 $\frac{1}{2}$ " casing, \$2,200 casinghead slips-all tangible)

8-3-82

Moved on Temple Well Service, nipples up 10"-900 X 6"-5,000 tubing spool. Tested void to 3,000 PSI, nipples up 6"-5,000# PSI BOP. Rigged up accumulator, hooked up circulating equipment, unloaded 264 joints of 2 3/8" 4.7# J-55 tubing and SDFN

Daily costs \$21,205

Cumulative costs \$93,335 (Includes \$16,555 for tubing)

8-4-82

Picked up 3 3/4" bit, 4 $\frac{1}{2}$ " casing scraper, 1.78" ID seating nipple, 2 3/8" tubing strapped in hole, tagged cement at 4920, drilled cement and stage collar 4,954', picked up tubing and tripped in hole, tagged cement at 7,452, SDFN.

Daily costs \$5,024 (no tangible)

Cumulative costs \$98,359

8-5-82

Drilled out to 7,464', circulate hole and clean, test casing BOP and tubing spool to 6,600# PSI for 15 minutes, POH, rig up geosource and run bond leg. Found PBTD at 7,456, had bond from 6,820' to 7,300' (10 ft. above top perf.) good cement bond across Dakota and Cedar Mountain, will shoot squeeze perf. tomorrow (8-6-82) SDFN

Daily costs \$8,785

Cumulative costs \$107,144

8-6-82

Perf. 7237-38 with 4 squeeze shots. Set drillable retainer on 1 line @ 6993, trip in hole with stinger established rate at 2 bbls/min. @ 3500 PSI, 1 bbl/min. @ 2600 PSI. Circulate 50 sacks of G cement slurry to top of retainer, squeezed 5 bbl of cement into formation at 4000 PSI. Sting out of retainer, reverse of 3 bbl cement, test squeeze to 4000 PSI, held good, POH, pick up 3 3/4" bit, trip in hole, SDFN

Daily costs \$9,950

Cumulative costs \$117,094

8-7-82

Trip in hole with bit, drilled retainer drilling on hard cement to 7055, circulate well clean, SDFN

Daily costs \$4,500

Cumulative costs \$121,594

8-9-82

POH, pick up new bit, TIH, drill out to 7190'. Drilling on hard cement. Circulated well clean. SDFN

Daily cost \$5,405

Cumulative cost \$126,999

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

8-10-82 Drilled out to 7480', circulated well clean, pressure test squeeze perfs to 4000psi, POH, run bond log, showed improved bonding from 7200' to 7250', excellent bonding 7220' to 7250', pick up bit and casing scraper, start TIH, SDFN.

Daily cost \$5,825
Cumulative cost \$132,824

8-11-82 Drilled and circulated well clean to 7480', blow and dry with nitrogen. POH, perforated at 7310, 7311, 7315, 7318, 7413, 7417, 7423, 7448. Very small blow of gas after perforating, too small to measure. Started in hole with bridge plug and packer. SDFN for pressure build up.

Daily cost \$9,825
Cumulative cost \$142,649

8-12-82 Finish running RBP and packer in hole. Set RBP at 7480', packer at 7367', acidize 7413', 7448' with 250 gallons 15% MSR acid and 12 ball sealers. Break-down pressure 3000 psi, good ball action and balled off to 4000 psi. Moved bridge plug to 7370', set packer at 7275', acidize perfs at 7310', 7318' with 250 gallons 15% MSR and 12 ball sealers, broke down at 1500 psi, fair ball action, balled off to 4000 psi. Bleeding off to 3500 in a minute and a half. Flushed balls off of perfs. Finished displacing acid at one barrel a minute 1200 psi. ISIP 400 psi. Moved RBP to 7470, set packer at 7275', swabbed acid back, recovered 38 barrels of load fluid in 11 runs, swabbing to the packer, well blowing after each swab run. SDFN. Still have 12 barrels of load fluid to recover.

Daily cost \$6,800
Cumulative cost \$149,449

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

8-16-82

Tagged fluid at 5000', swab 8 runs pulling from the packer at 7200', all fluid is gas cut, set packer between Dakota and Cedar Mountain, isolating the Cedar Mountain, pulled 6 swabs, recovered no fluid. Isolated Dakota perfs with bridge plug and packer, pulled 3 swabs, no fluid. Isolated squeeze perfs at 7238' with bridge plug and packer, pulled 3 swabs with no fluid entry. Isolated Cedar Mountain perfs with bridge plug and packer, pulled 1 swab, no fluid. SDFN.

Daily cost \$4,800
Cumulative cost \$154,249

8-17-82

SITP 20 PSI, SICP 50 PSI, ran swab in hole, tagged fluid 50' above packer, pulled 3 swab runs no fluid entry, release packer and swab down remaining annulus fluid, POH with bridge plug and packer, TIH with tubing, prepare to frac tomorrow a.m. SDFN.

Daily cost \$4,200
Cumulative cost \$158,449

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

8-30-82 Opened well - unloaded estimated two barrels of water then
 flowed medium to heavy mist gas and water.
 SITP tubing pressure 775#
 SICP casing pressure 925#
 Last flow test open four hours on 3/4" choke - sustained
 flow 510 mcf. Pressure at the end of test - 325# on annulus.
 Dowell water analysis of produced water showed:
 30,000 pmm chloride
 2,000 ppm potassium
 5.5 PH
 Frac water had 20,000 pmm chloride. Well flowing undeter-
 mined amount formation water with the gas, probably from
 Morrison or lower Cedar Mountain.
 Will bring in separator and determine exact amount water
 being produced - if less than 10 barrels per day, may be
 able to handle thru an evaporation pond - if more than
 10 barrels will attempt to determine whether water is
 coming from Morrison or lower Cedar Mountain and take
 steps to seal off water zone.

Daily cost \$750
Cumulative cost \$238,024

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 1, 1982

Depth at report time 256'. Present operation weld casing collar leak. Finish rigging up Atco Rig 18 (14 hours). Nipple down BOP's and weight on cementers (5 hours). Testing BOP's and casing (2 hours). Nipple up BOP's (1 hour). Weld collar leak (2 hours).

Total daily cost \$5,920
Total cost to date \$48,585
Tangible costs: 9 5/8" casing \$2,420
Wellhead equipment \$2,000

Details of operation:
Finish rigging up Atco Rig #18. Pressure test BOP's and surface casing to 900 lbs. Leaked badly to the annulus. Nipple down BOP's while waiting on National Cementers. Pressure test 9 5/8" casing to 1500 PSI. Held good. First collar to 9 5/8" nipple leaked badly. Welded the collar and the nipple and nipped up BOP's.

END OF REPORT

July 2, 1982

Depth at report time 590'.
Drilled 367' - 9 hours with bit #1
In Wasatch formation
Down for: Survey 1/4 hours
Rig repair 3/4 hours
Pressure test BOP 1 1/4 hours
Weld collar leak & blue line 2 1/2 hours
Recement casing collar 3 hours
Pickup drill collars 4 3/4 hours
Blow down hole 1/2 hour
Redrilled mouse hole 2 hours

Weight on bit - 20,000#
Air pressure - 200#
Survey $\frac{1}{2}$ " @ 270'

Total daily cost \$9,831
Total cost to date \$58,461

Details of operation:
Finish welding collar leak and blue line.
Pressure test BOP's and casing, redrill mouse hole, backfill casing cellar with ready mix cement, pickup drill collar and tag cement at 223'. Blew water out of casing, drilled out cement with air mist, drilling to 590' with survey at 270' $\frac{1}{2}$ ". Presently drilling with air mist 50' to 60' per hour.

END OF REPORT

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 3, 1982

Depth at report time 1285'
Drilled 695' last 24 hours
Drilling with air mist in Wasatch Formation
Breakdown of hours:
17 $\frac{1}{4}$ hours drilling
3 hours trip
 $\frac{1}{2}$ hour repair
 $\frac{1}{4}$ hour unload hole after trip
2 $\frac{1}{2}$ hours weld blue line
 $\frac{1}{2}$ hour survey hole

Bit #1 drilled 821' in 23 hours. Drilling with
Bit #2.

Survey 1 $^{\circ}$ @ 782'
1 $^{\circ}$ @ 1250'

July 4, 1982

Drilling 2674' in Kmv
Drilled 1389' in last 24 hours. Spent 22 $\frac{1}{4}$ hours
drilling, 1 hour on survey and 3/4 hour on rig
service.

Survey data: 1 $^{\circ}$ @ 1250'
1 $^{\circ}$ @ 1750'
1 $^{\circ}$ @ 2242'

Weight on bit 12,000#, air pressure 350, rotary
speed 80 RPM.

Total daily cost \$9,598
Total cost to date \$82,694

July 5, 1982

Drilling 3607' in Castle Gate
Drilled 933' in 24 hours. Drilled 23 $\frac{1}{4}$ hours,
rig service 3/4 hours. Drilling with Bit #2.
Weight on bit 8,000 - 10,000#, rotary speed 80 RPM,
pump pressure 80#.

Total daily cost \$10,693
Total cost to date \$93,387

Castle Gate Top 3,600'
Drilling breakdown from 1 min/ft to 3 min/ft
Background Gas 2674-3265 0 units
3265-3358 6 units
3358-3607 4 to 12 units
Connection Gas 3047-3600 50 units
3600' drilling operations had 2000 units gas
Burns constant 15-20' flare while drilling
Will shut down and test when Castle Gate is drilled.
Have not encountered any water yet in Castle Gate.
Estimated flow rate 250,000 to 500,000 cubic feet
of gas per day.

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

July 6, 1982

Depth at report time 3955' (Intermediate TD)
Drilled 384'. Present operation - working stuck
pipe. Cumulative drilling hours 79 $\frac{3}{4}$.
Mancos Formation.

Breakdown of hours:

Drilling 8 $\frac{3}{4}$
Trips 3 $\frac{1}{2}$
Rig repair $\frac{3}{4}$
Reaming 1 $\frac{3}{4}$
Circulate 1 $\frac{1}{2}$
Test Castle Gate 1 $\frac{1}{2}$
Turning drilling nipple $\frac{3}{4}$
Mud up hole for logging 3
Unload hole $\frac{1}{2}$
Work stuck pipe 2 $\frac{1}{2}$

Bit #2 8 $\frac{3}{4}$ ", manufacturer is Smith Tool Company,
Type F-2, depth in 1071', depth out 3955',
footage drilled 2,884', rotating hours on the bit
56 $\frac{3}{4}$, mud weight 8.7# per gallon, vis 52, fluid
loss 6.6, filter cake 2/32, PH 9, number and size of
collars same as before, weight on bit 8,000#,
rotary speed 80 RPM, pump pressure 500 PSI.

Total daily cost \$10,402
Total cost to date \$103,789

Drilled 3760 with a 15' flare. Tested the Castle
Gate on a $\frac{3}{8}$ " orifice plate. 250 MCFD. Drilled
ahead to 3,955'. Turned the drilling nipple.
Mudded up hole for logs. Circulated and pulled 11
stands, short trip. First 4 stands were tite.
Trip in hole to condition for logs. First 6 stands
went in clear, reamed 7th and 8th stand down. On
last joint of 8th stand string took 10,000#. Tried
to pull up and could not. Could not circulate at
1500#. Worked stuck pipe while waiting on free point.

July 7, 1982

Depth at report time 3955'. Footage drilled 0'.
Present operations - jarring on fish. Cumulative
drilling hours 79 $\frac{3}{4}$.
Mancos Formation.

Breakdown of hours:

Trip 6 $\frac{1}{2}$
Survey $\frac{1}{4}$
Fishing 9 $\frac{3}{4}$
Work stuck pipe 2
Weight on free point 4 $\frac{3}{4}$
Take off goose neck $\frac{3}{4}$

Mud weight 8.6, vis 60, fluid loss 8.6, filter cake 2/32,
PH 9, collars 18 6" x 2 $\frac{3}{8}$ ", connection 4 $\frac{1}{2}$ XH.

Total daily cost \$8,733
Total cost to date \$112,522 (not including any
relating to logging)

Details of operation:

Called free point truck. (Switched out blue line
while waiting on free point truck) Took off goose
neck to run free point tools, found free point on
bottom hole collar. Backed off collars at 3635
leaving 6" collar and bit in hole. P.O.H. Picked
up jars and bumper sub. T.I.H. to top of fish.
Screwed in fish and jarred. Came free at 7:05 A.M.
7-7-82.

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 8, 1982

Depth at report time 3955'. Footage drilled 0'.
Present operations - reaming. Cumulative drilling
hours 79 $\frac{3}{4}$.
Mancos Formation.

Breakdown of hours:

Trips 6 $\frac{1}{4}$
Rig service $\frac{1}{2}$
Reaming 9 $\frac{3}{4}$
Jar on fish 2 $\frac{1}{2}$
Lay down drill collars 1 $\frac{3}{4}$
Make up BHA 1 $\frac{1}{4}$
Lay down jars $\frac{1}{2}$

Bit #2 8 $\frac{3}{4}$ ", Smith, F-2, depth in 1071', depth out
3955', footage drilled 2884', rotating hours 56 $\frac{3}{4}$,
condition 2-2-I, Bit #3 8 $\frac{3}{4}$ " Hughes, J-3, reaming.
Mud weight 8.8, vis 48, fluid loss 8.6, filter cake
2/32, PH 9, 10 6" drill collars, pump pressure 800
PSI, weight on bit - reaming, rotary speed - reaming.
Special tools in drilling assembly 6" Bowen drilling
jars and pump sub.

Total daily cost \$14,716
Total cost to date \$127,238

Details of operation:

Reamed bad spots at 1050', 1750', and 2600'.

END OF REPORT

July 9, 1982

Depth at report time 3,955'. Footage drilled 0'.
Present operations - rig up to run casing.
Cumulative drilling hours 79 $\frac{3}{4}$. Mancos Formation.

Breakdown of hours:

Trips 8
Surveys $\frac{1}{4}$
Rig service $\frac{3}{4}$
Reaming 5 $\frac{1}{2}$
Circulate 2 $\frac{1}{2}$
Logging 5
Laydown BHA & drill collars 2

Bit #3 8 $\frac{3}{4}$ " Hughes J-3, depth in 3955', reaming
total 15 $\frac{3}{4}$ hours, surveys 1⁰ @ 3925', mud weight
90, vis 52, fluid loss 8.8, filter cake 2/32,
PH 9, 5% LCM, 10 6" collars, pump pressure 500#.
Special tools in drilling assembly Bowen drilling
jars and bumper sub.

Total daily cost \$17,240 (Includes \$7,993 to run
Castlegate log non-AFE item)
Total cost to date \$144,478

Details of operation:

Reamed hole to 3955', circulated hole clean, made
7 stand short trip, POH to log, logged DIL-GR and
FDC-CNL-GR-CAL, TIH, washed 23' of fill to 3955',
circulated 1 $\frac{1}{2}$ hours, POH, laying down drill collars,
rig up casing crew. Currently running casing in
ground.

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 10, 1982 Depth at report time 3,955'
Present operations - nipling up.

Breakdown of hours:

Rig service 3/4
Circulate 3/4
Run casing 4 3/4
Cement 1 1/3
Wait on cement 6 3/4
Weld on casing head 5
Nipple up 4 1/4

Ran 102 joints 7" 23# J-55. Total length 3934.78, guide shoe 1.5', float collar 2.00', landed 13' below rotary table, 3951.28' - bottom of shoe. Cemented with 160 sacks G, with 2% Ca Cl₂. Plugged down at 1:15 P.M.

Total daily cost \$11,555
Total cost to date \$156,033

END OF REPORT

July 11, 1982 Depth at report time 4,020'. Footage 65' formation, 75' cement. Present operation - drilling.
Cumulative drilling hours 89 3/4
Formation: Mancos B

Breakdown of hours:

Drilling 10
Trips 2 $\frac{1}{2}$
Rig service 3/4
Nipple up BOP 3 $\frac{1}{2}$
Test BOP $\frac{1}{2}$
Wait on air 3/4
Lay down jars $\frac{1}{2}$

Bit #4 6 $\frac{1}{4}$ " Smith F-4. Depth in 3955', footage 65' formation, 75' cement. Rotating hours 10. Mud 9 lb/gal, 56 vis, 8.0 fluid loss, 2/32 filter cake, 9.5 PH, drill collars 19 4 3/4 X 2" ID, 3 $\frac{1}{2}$ IF connections, weight on bit 10,000 to 12,000#, rotary speed 80 RPM, pump pressure 100-300#. Tools used - Bowen bumper sub and jars.

Total daily cost \$44,974 (includes tangible cost of 29,120 for casing)
Total cost to date \$201,007

END OF REPORT

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 12, 1982 Depth at report time 4,900'. Footage 880'.
Present operation - drilling with air. Cumulative
drilling hours 111 $\frac{1}{4}$.
Formation: Mancos B

Breakdown of hours:

Drilling 21 $\frac{1}{2}$
Survey 1 $\frac{3}{4}$
Rig service $\frac{3}{4}$

Bit #4 6 $\frac{1}{2}$ " Smith F-4. Depth in 3,955'. Footage
drilled 945, rotating hours 31 $\frac{1}{2}$.
Survey: 1 $^{\circ}$ @ 4,120, 1 $^{\circ}$ @ 4,184, 1 $\frac{1}{4}$ $^{\circ}$ @ 4392, 2 $^{\circ}$ @
4703, 1 $\frac{3}{4}$ $^{\circ}$ @ 4900.
Mud weight 8.9, vis. 55, fluid loss 8.6, filter cake
2/32, PH 9.
Mancos B 4350'
Mancos B Sand 4475 - 4495, 340 units of gas while
drilling. After drilling, flare 1 $\frac{1}{2}$ minutes, 10' flare.
No flare on connections, but 80 to 900 units gas.
Background gas: 4475-4620 300 to 500 units
 4620-4713 to 59 100 units
 4713-4775 250 units
 4775-4868 120 to 200 units
 4868-4900 0 units
Weight on bit 12,000-16,000#, rotary speed 80 RPM,
air pressure 100#.

Total daily cost \$9,303
Total cost to date \$210,310

END OF REPORT

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 13, 1982 Depth at report time 5,529'. Footage 629'.
Present operation - trip in hole. Cumulative
drilling hours 128 $\frac{1}{2}$.
Formation: Mancos

Breakdown of hours:

Drilling 17 $\frac{1}{4}$

Trips 4

Surveys $\frac{1}{2}$

Pick up stabilizer $\frac{1}{2}$

Rig repair 3/4

Bit #4, 6 $\frac{1}{4}$ " Smith F-4, depth in 3,955', depth out
5,524, footage 1,574', rotating hours 48 $\frac{3}{4}$.

Bit #5, 6 $\frac{1}{4}$ " Smith F-2, depth in 5,529'. Mud weight
8.9, vis. 55, fluid loss, 8.6, filter cake 2/32,
PH 9.

Survey: 1 $\frac{1}{2}$ $^{\circ}$ @ 4920', 4 $\frac{1}{2}$ $^{\circ}$ @ 5414', 5 $^{\circ}$ @ 5507'.

Lithology shales with some silt and sand 120-600 units. At
5414', flare 20 sec., 5' flare.

Background gas:	4900-5060	75 to 120 units
	5060-5155	300 to 400 units
	5155-5240	200 to 220 units
	5240-5529	120 to 200 units

Drill collars 18 4 $\frac{3}{4}$ X 2", 3 $\frac{1}{2}$ II Connections,
weight on bit 8,000#, rotary speed 95 RPM, Air PSI
100#. Tools used - Bit - Near Bit IBS (Stabilizer)
- short drill collar - IBS - drill collar - IBS-10 drill
collars, jar and bumper sub, 7 bumper collars

Tripping hole this A.M. Probably reach Dakota Thursday.

Total daily cost \$8,821

Total cost to date \$219,131

END OF REPORT

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 14, 1982 Depth at report time 5,940'. Footage 411'.
Present operation - surveying. Cumulative hours
145.
Formation: Mancos B

Breakdown of hours:

Drilling 16 $\frac{1}{2}$
Trips 6
Surveys 3/4
Rig repair 3/4

Bit #5 6 $\frac{1}{2}$ " Smith F-4, depth in 5,529, footage
411.

Surveys: 5 $\frac{1}{2}$ ⁰ @ 5502', 7 $\frac{1}{2}$ ⁰ @ 5929', 7 $\frac{1}{4}$ ⁰ @ 5837',
9⁰ @ 6030'

Mud weight 8.9, vis. 55, fluid loss 8.6, filter
cake 2/32, PH 9.

Background gas: 5529-4750 130 to 220 units
5750-5784 450 units
5784-5878 170 to 200 units
5878-5940 hot wire down 5529
Trip gas 2000 units
Connection gas 480 units

Mancos B lithology: shale, gray silty, calcareous,
some green sand grains.

Change fillament survey showed 2000 units; no
increase over previous survey readings.

Total daily costs \$15,332
Total costs to date \$234,463

END OF REPORT

July 15, 1982 Depth at report time 6,660'. Footage 720'.
Cumulative drilling hours 147 $\frac{1}{2}$.
Formation: Mancos

Breakdown of hours:

Drilling 19 $\frac{1}{2}$
Surveys 3 $\frac{1}{4}$
Rig repair 3/4
Replace rotating head rubber $\frac{1}{2}$

Bit #5 6 $\frac{1}{2}$ " Smith F-2, depth in 5,529, footage 1131'.

Surveys: 7 $\frac{1}{2}$ ⁰ @ 2929', 9⁰ @ 6022', 10⁰ @ 6146',
11⁰ @ 6270', 11 3/4⁰ @ 6421', 13⁰ @ 6660'.

Mud weight 8.9, vis 55, fluid loss 8.6, filter
cake 2/32, PH 9. Survey 2000 - 3000 units
Connection gas - 500 to 700 units, flare 5 to 15'.
Flare - blue flame, looks like good zone - sand.
Survey 2200 to 3000 units

Background gas: 594-6125 200 to 220 units
6125-6156 400 units
6156-6218 180 units
6218-6249 400 units
6249-6660 200 units

Lithology dark gray, silty, calcareous shale.

Top of Grontier 6950, Kd silt 7725'

Weight on bit 8,000 to 12,000#, rotary speed 80 RPM,
Air pressure 150#. Tools used - stabilizers

Total daily cost \$8,176
Total cost to date \$242,639

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 16, 1982 Depth at report time 7,115'. Footage 455'.
Cumulative drilling hours 175 $\frac{3}{4}$.
Present operation - nipping down BOP's.
Formation: Frontier

Breakdown of hours:

Drilling 11 $\frac{1}{4}$

Trips 5 $\frac{1}{4}$

Surveys 1

Nipple down BOP's, rig up wire line truck 5 $\frac{3}{4}$

Bit #5, 6 $\frac{1}{4}$ " Smith F-2, depth in 5529', depth out 7115', footage drilled 1586', rotating hours 47 $\frac{1}{4}$.

Surveys: 13° @ 6638', 14° @ 6950', 14 $\frac{1}{2}$ ° @ 6794'.
Frontier top 6,977'.

Drill collars 19 4 $\frac{3}{4}$ ", weight on bit 6,000 to 10,000#, rotary speed 80 RPM, air pressure 100 to 150#.

Laid down all stabilization.

Drilled and surveyed to 7115'. Tripped out of hole with Bit #5. Laid down stabilizers. Picked up bit #6. Started to trip in hole. Would not go below the casing head. BOP pipe ram. It had been closed while drilling causing 7" casing at wellhead to wear. BOP's jumped the thread therefore bit would not go in hole. Set a wire line bridge plug at 3085'. Nipping down BOP's.

Total daily cost \$12,200

Total cost to date \$254,839

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 17, 1982 Depth at report time 7115', Footage 0.
Cumulative drilling hours 175 $\frac{3}{4}$.
Present operation - waiting on welder
Formation: Frontier

Breakdown of hours:

Trips 1 $\frac{3}{4}$
Rig repair $\frac{3}{4}$
Test BOP's 1
Work on rotating head 1 $\frac{3}{4}$
Rig up wire line and set bridge plug 1 $\frac{1}{2}$
Nipple down BOP's 6 $\frac{1}{2}$
Nipple up BOP's 3 $\frac{1}{2}$
Weld casing 5 $\frac{3}{4}$
Wait on welder 1 $\frac{1}{4}$

Drill collars 19 4 $\frac{3}{4}$ ", 3 $\frac{1}{2}$ IF connection. Bowen
jars and bumper sub

Nipple down BOP's, weld 7" casing at the surface. Failure due to drilling with one pipe ram closed causing the Kelly to wear and bang against 7" casing breaking off right below first collar. Set cast iron bridge plug at 3085' with Geosource Wire Line (set bridge plug due to gas coming up the hole). Had to shut gas off to nipple down BOP's.

Total daily cost \$11,699
Total cost to date \$266,538

July 18, 1982 Depth at report time 7,128'. Footage 13'.
Cumulative drilling hours 176 $\frac{1}{2}$.
Present operation - working on BOP's
Formation: Frontier

Breakdown of hours:

Drilling 1 $\frac{3}{4}$
Trips 5
Surveys $\frac{1}{2}$
Rig repair $\frac{3}{4}$
Work on BOP's 16

Bit #6, 6 $\frac{1}{4}$ " Smith V-2, depth in 7115', depth out 7128', footage drilled 13', rotating hours 1 $\frac{3}{4}$.
Survey 14⁰ @ 7087'. Weight on bit 8,000 to 14,000#, rotary speed 70 RPM, air pressure 225#, drill collars 19 4 $\frac{3}{4}$ ", 3 $\frac{1}{2}$ IF connection. Bowen jars and bumper sub.

Pipe rams would not stay open. Changed out rubber control valves and check pressure lines. Pipe ram doors would not seal. Working on same. Pipe ram control valve was installed upside down. Also drilled out bridge plug this day.

Total daily cost \$8,716
Total cost to date \$275,254

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah

DAILY DRILLING REPORT

Spud Date 6-26-82

July 19, 1982 Depth at report time 7,550' - total depth
Footage 423'. Present operation : Trip out of hole
to log. Cumulative drilling hours 188.
Formation: Morrison

Breakdown of hours:

Drilling 11 $\frac{1}{2}$
Trips 8
Surveys $\frac{1}{4}$
Rig repair 3/4
Reaming 3/4
Circulate 3/4
Work on pipe rams 2

Bit #7, 6 $\frac{1}{4}$ " Smith F-2, depth in 7127', depth out
7550', footage drilled 423', rotating hours 11 $\frac{1}{2}$.
Survey 13 $\frac{1}{2}$ ^O @ 7273', drill collars 19 4 3/4", 3 $\frac{1}{2}$ IF
connection, Bowen jars and bumper sub.

Sample tops:

Castlegate	3600'
Mancos	3616'
Mancos B	4350'
Frontier	6935'
Dakota Silt	7228'
Dakota Sand	7292'
Cedar Mt.	7350'
Morrison	7470'

Weight on bit 6,000 to 14,000#, rotary speed 80 RPM,
air pressure 300# (2 compressors on hole while drilling
Dakota.

Put new packing in pipe ram doors, test 800# with air
OK. Trip in hole with Bit #7. Back circulation 120'
off bottom and reamed bottom. No tite spots. Drilled
ahead to 7550'. Dusted all the way. TD at 12:15 a.m.,
7-19-82. Short trip no fill, trip out to log.

Total daily cost \$12,210
Total cost to date \$287,464

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-04967-
Communitization Agreement No. _____
Field Name East Canyon
Unit Name _____
Participating Area W $\frac{1}{2}$ Sec. 1 T.16S., R.24E. (320 Ac.)
County Grand State Utah
Operator Fortune Oil Company
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & $\frac{1}{4}$ of $\frac{1}{4}$	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
23-1	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1	16S.	24E.	DRG		NONE	NONE	NONE	Attempting completion in gas prone zone.

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Michael L. Smith Address: 50 So. Main St., Ste. 1570, SLC
Title: Exploration Manager Page 1 of 2 UT 84144

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2 76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. U-04967

Communitization Agreement No. N/A

Field Name San Arroyo - East Canyon

Unit Name N/A

Participating Area N/A

County Grand State Utah

Operator Fortune Oil Company

☐ Amended Report

☒ CORRECTED REPORT

PAGE 2 OF 2 PAGES

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 1982

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
23-1	Sec. 1 NE 1/4 SW 1/4	16S	24E	DRG					
						CONTINUED FROM PAGE 1			
						Fine mist wtr, 850	mcf gpd on 3/4" choke		
						Fine mist wtr, 510	mcf gpd on 3/4" choke		
						Final completion tests being made.			

STATE OF UTAH API NO. 43-019-30721

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-04967
Communitization Agreement No. N/A
Field Name San Arroyo - East Canyon
Unit Name N/A
Participating Area N/A
County Grand State Utah
Operator Fortune Oil Company
☐ Amended Report ☒ CORRECTED REPORT

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
23-1	Sec. 1 NE 1/4 SW 1/4	16S	24E	DRG					
						TOPS: Mesaverde 1426, Castlegate 3598, Mancos 3616, Mancos "B" 4340, Mancos Gas Sand 4472, Frontier 6950, Dakota Silt 7218, Dakota Sand 7268, Cedar Mountain 7348, Morrison 7456, TD 7550.			
						CASING: 9 5/8" to 256' (July 1, 1982) 7" to 3955 (July 10, 1982) 4 1/2" to 7550 (July 21, 1982)			
						GAS SHOWS: 250 mcf/gpd from Castlegate at 3607' 50 mcf/gpd from Mancos at 4472'			
						Gas flow during completion operations from commingled Dakota and Cedar Mountain sands.			
						Fine to medium mist wtr, 436 mcf/gpd - 3/4" choke 975# SIP (continued on next page)			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Michael L. Pinnell Address: 50 S. Main St., Suite 1570, Salt Lake City, UT 84144-0462
Title: Exploration Manager Page 1 of 2

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

8-18-82 Pulled tubing up to 7,000'. Rigged up Dowell to foam frac Dakota and Cedar Mountain perfs from 7310' to 7318' and from 7413' to 7448'. Fraced with 20,000# 100 mesh sand and 80,000# 20-40 sand in 75 quality foam. Average casing injection rate 10.5 barrels per minute. Average tubing injection rate 13.5 barrels per minute nitrogen. Total injection rate 24 barrels per minute. Average casing pressure 4600 psi. Average tubing pressure 7000 psi. Instant shut-in pressure 4100 psi. Fell to 2500 psi in 15 minutes. Shut well in, rigged down Dowell. Opened well to flow after one hour and 45 minute shut in. Displaced annulus with nitrogen and blew well overnight.

Daily cost \$63,000
Cumulative cost \$221,449

8-19-82 Flow tested well at 436 mcf per day making a fine to a medium mist. Test was done on a 3/4" choke with 300# on the back side. Left well flowing overnight to clean up.

Daily cost \$4,300
Cumulative cost \$225,749

8-24-82 Shut in casing pressure 975#, shut in tubing pressure 875#. Opened well. Flowed gas and heavy mist for 2 $\frac{1}{2}$ minutes. Believe water is clearing up. 780# pressure on casing and tubing equalized after flowing. Tomorrow will blow well through $\frac{1}{2}$ " orifice all day. That should give a good indication as to what well will produce from Dakota and Cedar Mountain. Well shut in for night.

Daily cost \$450.00
Cumulative cost \$226,199

8-25-82 Blowing on a 3/16" choke. Making a light, light mist. The backside pressure is 760#, the tubing pressure 710#. Will let blow overnight. Should be stabilized in the morning.

Daily cost \$475
Cumulative cost \$226,674

8-26-82 Flowing well intermittently on 3/4" choke, still blowing fine mist of fluid with gas, sample of fluid taken and delivered to Dowell for analysis. Last flow rate on 3/4" choke 850 MCFGPD, will flow well overnight and see if water clears up.

Daily cost \$600
Cumulative cost \$237,274

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

8-30-82 Opened well - unloaded estimated two barrels of water then flowed medium to heavy mist gas and water.
SITP tubing pressure 775#
SICP casing pressure 925#
Last flow test open four hours on 3/4" choke - sustained flow 510 mcf. Pressure at the end of test - 325# on annulus.
Dowell water analysis of produced water showed:
30,000 ppm chloride
2,000 ppm potassium
5.5 PH
Frac water had 20,000 ppm chloride. Well flowing undetermined amount formation water with the gas, probably from Morrison or lower Cedar Mountain.
Will bring in separator and determine exact amount water being produced - if less than 10 barrels per day, may be able to handle thru an evaporation pond - if more than 10 barrels will attempt to determine whether water is coming from Morrison or lower Cedar Mountain and take steps to seal off water zone.

Daily cost \$750
Cumulative cost \$238,024

9-1-82 Shut in at moment, wait on separator.

9-8-82 Installed rental separator for test.

9-9-82 Tested well since 11 a.m. After 5 hours of flowing, making 690 mcf against 345# of tubing pressure and 477# casing pressure. Very little water in separator.

9-10-82 After 22 hours well seems stabilized flowing 535 mcf against 262# tubing pressure and 377# casing pressure. Separated out 1.89 bbls water and 1.55 bbls condensate. Continuing to flow test.

9-11-82 Dead weight testing.

9-13-82 Continuing to run deadweight tests.

9-14-82 Still conducting deadweight tests.

9-15-82 Still conducting deadweight tests to comply with Northwest Pipeline's testing requirements. Waiting on separator, tank and balance of equipment to complete well.

9-16-82 Continuing to run deadweight tests.

9-17-82 Completed testing of well. SWI. Waiting on production equipment.

Cumulative completion cost to date: \$240,524.

9-20-82 WSI. Waiting on production equipment.

FORTUNE OIL COMPANY
Federal 23-1
1841' FSL, 1749' FWL
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
T16S, R24E, SLM
Grand County, Utah
7,550 T.D.

COMPLETION REPORT

9-21-82 Waiting on production equipment.
9-22-82 Waiting on production equipment.
9-27-82 Can't get to location due to bad weather, roads washed out.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-04967-C
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field San Arroyo - East Canyon
The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1982,
Agent's address 50 S. Main Street, Suite 1570 Company Fortune Oil Company
Salt Lake City, Utah 84144-0462 Signed Michael L. Linnell
Phone 801-532-7797 Agent's title Exploration Manager

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec 1 NE¼SW¼	16S	24E	23-1		TOPS: Mesaverde 1426, Castlegate 3598, Mancos 3616, Mancos B 4340, Mancos Gas Sand 4472, Frontier 6950, Dakota Silt 7218, Dakota Sand 7268, Cedar Mountain 7348, Morrison 7456, TD 7550					
					CASING: 9 5/8" to 256' (July 1, 1982) 7" to 3955 (July 10, 1982) 4½" to 7550 (July 21, 1982)					
					GAS SHOWS: 250 mcf/gpd from Castlegate at 3607' 50 mcf/gpd from Mancos at 4472'					
					Gas flow during completion operations from commingled Dakota and Cedar Mountain sands:					
					Fine to medium mist wtr, 436 mcf/gpd - 3/4" choke 975# SIP Fine mist wtr, 850 mcf/gpd on 3/4" choke Fine mist wtr, 510 mcf/gpd on 3/4" choke					
					Final completion tests being made.					
STATE OF UTAH API NO. 43-019-30721										

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE*
(See instructions on
reverse side)

Handwritten signature

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-04967-C
2. NAME OF OPERATOR FORTUNE OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 50 SOUTH MAIN ST., SLC, UT 84144		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ (1841 FSL 1749 FWL) Section 1, T.16S., R.24E.		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. 23-1
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 8445 KB		10. FIELD AND POOL, OR WILDCAT East Canyon, Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T.16S. R.24E.
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Monthly Report July, 1982</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well spudded June 26, 1982

July 5: Gas show encountered in Castlegate Formation at drill depth of 3600'. Flow volume measured 250 MCFGPD.

July 6: Logged shallow hole, set intermediate casing to 3955.

July 12: Encountered Mancos B Formation gas show from 4475-4868'.

July 21: Reached TD 7550. Ran logs; set casing to bottom in air filled hole. Released Rig.

July 30: Graded location and set anchors for completion rig.

18. I hereby certify that the foregoing is true and correct

SIGNED Michael A. Pinell

TITLE Exploration Manager

DATE 8-17-82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-0496
Communitization Agreement No. N/A
Field Name SAN ARROYO - EAST CANYON
Unit Name N/A
Participating Area N/A
County GRAND State UTAH
Operator FORTUNE OIL COMPANY
☐ Amended Report CORRECTED REPORT

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
23-1	Sec. 1 NE 1/4 SW 1/4	16S	24E	Drilling					After installing separator, flowed well five hours, measured 690 mcf/gpd against 345# TP and 477# CP, trace water in separator. After 22 hours, well seems stabilized, flowing 535 mcf/g against 262# TP and 377# CP. Separated out 1.89 bbls water and 1.55 bbls condensate. Well continued to run deadweight tests to comply with Northwest Pipeline's testing requirements. As of the writing of this report, well is waiting on permanent installation of permanent production equipment.

API NO. 43-019-30721

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Michael L. Pinnell Address: 50 S. Main St., Ste 1570, SLC, UT 84144
Title: EXPLORATION MANAGER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.
LAND OFFICE Salt Lake City, Utah
LEASE NUMBER U-04967-C
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field San Arroyo - East Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1982,

Agent's address 50 S. Main Street, Suite 1570 Company Fortune Oil Company
Salt Lake City, Utah 84144-0462

Phone 801-532-7797 Signed Michael A. Pinnell
Agent's title Exploration Manager

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 1 NE¼SW¼	16S	24E	23-1							
After installing separator, flowed well five hours, measured 690 mcf gpd against 345# TP and 477# CP, trace water in separator.										
After 22 hours, well seems stabilized, flowing 535 mcf g against 262# TP and 377# CP. Separated out 1.89 bbls water and 1.55 bbls condensate.										
Well continued to run deadweight tests to comply with Northwest Pipeline's testing requirements.										
As of the writing of this report, well is waiting on permanent installation of permanent production equipment.										
API NO. 43-019-30721										

RECEIVED

OCT 06 1982

DIVISION OF
OIL, GAS & MINING

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-05010-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-1

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec 1, T16S, R24E
S.L.B. & M.12. COUNTY OR
PARISH

Grand

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESYR. ☐ Other _____

2. NAME OF OPERATOR

Fortune Oil Company

3. ADDRESS OF OPERATOR

50 So. Main, Suite 1570, Salt Lake City, Utah 84144

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1841' FSL, 1749' FWL, Sec. 1, T16S, R24E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

6/18/82

15. DATE SPUDDED 6-26-82 16. DATE T.D. REACHED 7-19-82 17. DATE COMPL. (Ready to prod.) 8-30-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* *8445 KB 8432 GR 19. ELEV. CASINGHEAD 8433

20. TOTAL DEPTH, MD & TVD 7550 MD 21. PLUG, BACK T.D., MD & TVD 7480 MD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ATCO 18 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7310-7318 Cedar Mountain 7413-7448 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

SNP/CNL/GR/CAL DIL/GR/SP/ CBL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	251'	12-1/4"	175 sacks	None
7"	23#	3934'	8-3/4"	160 sacks	None
4-1/2"	11.6#	7546'	6-1/4"	150 sacks 1st stage	none
				150 sx 2nd stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-3/8	7440	N/A

31. PERFORATION RECORD (Interval, size and number)

7310 7417
7311 7423
7315 7448
7318
7413

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7413-7448	250 gal 15% MSR acid
7310-7318	250 gal 15% MSR acid
7310-7448	20M lbs 100 mesh/80M lbs 20-40 sd w/75 quality nitrogen foam

33.* PRODUCTION

DATE FIRST PRODUCTION July 5, 1982		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI WO Pipeline	
DATE OF TEST 9/9/82	HOURS TESTED 24	CHOKE SIZE 13/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1.85 cond	GAS—MCF. 564	WATER—BBL. 2.67	GAS-OIL RATIO 304,864 SCF/Bbl
FLOW. TUBING PRESS. 262	CASING PRESSURE 378	CALCULATED 24-HOUR RATE →	OIL—BBL. 1.85 cond	GAS—MCF. 564	WATER—BBL. 2.67	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented while testing - SI waiting on sale line

TEST WITNESSED BY

T. W. Dyk

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

T. W. Dyk

TITLE

Petroleum Engineer

DATE

11/22/82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

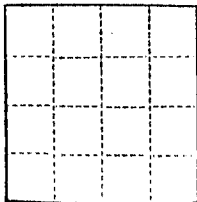
37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Castlegate	3598	3616	Gas encountered 250MCFPD w/air mist drilling.	Mesa Verde	1426	
Mancos B	4340	5104	Gas encountered 60 MCFPD.	Castlegate	3598	
Dakota	7268	7348	Completed in this zone no DST.	Mancos	3616	
Cedar Mountain	7348	7456	Completed in this zone no DST.	Frontier	6950	
				Dakota Silt	7218	
				Dakota Sand	7268	
				Cedar Mountain	7348	
				Morrison	7456	
				TD	7550	

(SUBMIT IN TRIPLICATE)

Land Office SLC, UTLease No. U-04967-CUnit N/AUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Subsequent Report of Form 9-330	
	Well Completion Report and Log	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 17, 1982

Well No. 23-1 is located 1841 ft. from XKM line and 1749 ft. from W line of sec. 1NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1
($\frac{1}{4}$ Sec. and Sec. No.)16 S.
(Twp.)24 E.
(Range)S.L.
(Meridian)San Arroyo-East Canyon
(Field)Grand
(County or Subdivision)Utah
(State or Territory)The elevation of the derrick floor above sea level is 8444 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well hooked up to production facilities December 8, 1982 at 3:00 P.M. with an initial flowing rate of 596 MCFGPD. Flowing tubing pressure of 880#. Shut-in tubing pressure 985# and casing pressure 985#.

Date	Flow Rate	Tubing Pressure	Casing Pressure
12-9-82	420 MCFGPD	675#	660#
12-10-82	477 MCFGPD	630#	600#
12-11-82	468 MCFGPD		
12-12-82	469 MCFGPD		
12-13-82	439 MCFGPD	560#	540#

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company FORTUNE OIL COMPANYAddress 50 S. MAIN STREET, SUITE 1570SALT LAKE CITY, UT 84144By Michael L. Pinnell
Michael L. Pinnell
Title Exploration Manager

OIL COMPANY
Fortune

50 South Main Street
Suite 1570
Salt Lake City, Utah 84144
Phone: (801) 532-7797

December 17, 1982

Bureau of Land Management
Minerals Management Service
Oil and Gas Operations
Suite 2000, 1745 W., 1700 S.
Salt Lake City, Utah 84104

Attention: Mr. Ed Guynn

2
RECEIVED
DEC 20 1982

**DIVISION OF
OIL, GAS & MINING**

Re: Fortune Oil Company 23-1 Federal
T. 16 S., R. 24 E.
Sec. 1: NE $\frac{1}{4}$ SW $\frac{1}{4}$
Grand County, Utah
Initial Production

Dear Mr. Guynn:

Per our recent conversation regarding Fortune Oil Company wells in Grand County, Utah, please find enclosed three copies of Sundry Notices and Reports on Wells (Form 9-331a) for the 23-1 Federal which gives the date and time production was initiated on same. It also gives a brief history of daily flow rates with pressure decline information. If you need additional information which I can supply, please let me know.

We hope three copies are sufficient for you to provide one to the Accounting Section in Casper.

By copy of this letter, we are also providing two copies of this report to the State of Utah Division of Oil, Gas & Mining.

Very truly yours,

FORTUNE OIL COMPANY

Michael L. Pinnell

Michael L. Pinnell
Exploration Manager

MLP/sk

Enclosures

cc:- Division of Oil, Gas & Mining/with encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 8, 1983

Fortune Oil Company
50 South Main, Suite 1570
Salt Lake City, Utah 84144

RE: See Attached Sheet

Gentlemen:

According to our records, "Well Completion Reports" filed with this office November 22, 1982 and September 23, 1982 from the above referred to wells, indicate the following electric logs were run: Federal #21-7: FDC/CNL/CAL/GR, DIL/GR/SP, CBL; Federal #23-1: SNP/CNL/GR/CAL, DIL/GR/SP, CBL; Federal #24-1: FDC/CNL/GR/CAL, DIL/GR, CBL; Federal #43-7: FDC/CNL/GR/CAL, DIL/GR/SP, CBL. As of today's date, this office has not received these logs: CBL on all listed wells.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Claudia Jones
Well Records Specialist

CJ/cj

Attachment

Well No. Federal #21-7
API # 43-019-30755
Sec. 7, T. 16S, R. 25E.
Grand County, Utah

Well No. Federal #23-1
API # 43-019-30721
Sec. 1, T. 16S, R. 24E.
Grand County, Utah

Well No. Federal #24-1
API # 43-019-30955
Sec. 24, T. 16S, R. 24E.
Grand County, Utah

Well No. Federal #43-7
API # 43-019-30991
Sec. 7, T. 16S, R. 25E.
Grand County, Utah

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INSPECTION RECORD

Operator Fortune Oil Co. Lease U-04967-C

Contractor 43-019-30721

Well No. Federal 23-1

Location NESW Sec. 1 T. 16S R. 24E

Field _____

County Grand State UT

Operation: Drilling _____
Workover _____
Completion _____
Abandonment _____
Producing PGC
Other _____

Individual Well Inspection

General:

Well Sign X BOP NA Pollution control ✓ Marker NA
Housekeeping ✓ Safety ✓ Surface use ✓ Location ✓

Remarks: sign laying down; Picture # 11

Lease and Facilities Inspection

Facilities inspected: Meter; Heater / Treater; Tank;

Identification	<u>X</u>	Pollution control	<u>✓</u>
Housekeeping	<u>✓</u>	Pits and ponds	<u>✓</u>
Measurement facilities	<u>✓</u>	Water disposal	<u>✓</u>
Storage and handling facilities	<u>✓</u>	Other	_____

Remarks: 0.750 orifice; 350 tubing pressure; pit in clayey silty sandstone

Action: _____

Name Wm Moore Title Inspector Date 7-12-84

Use: ✓ for yes or satisfactory
x for no or unsatisfactory
NA for not applicable

April 5, 1984

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: BONNEVILLE FUELS CORP.

LEASE: U-04967-C

WELL NAME: FEDERAL #23-1

API: 43-019-30721

SEC/TWP/RNG: 01 16.0 S 24.0 E

CONTRACTOR:

COUNTY: GRAND

FIELD NAME: EAST CANYON

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLLUTION CNTL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN ☐ / TA ☐:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT *	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> MARKER	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> REHAB	<input type="checkbox"/> OTHER
---------------------------------	---------------------------------------	--------------------------------	--------------------------------

PRODUCTION:

<input type="checkbox"/> N WELL SIGN	<input type="checkbox"/> Y HOUSEKEEPING	<input type="checkbox"/> Y EQUIPMENT *	<input type="checkbox"/> Y FACILITIES *
<input type="checkbox"/> Y METERING *	<input type="checkbox"/> Y POLLUTION CNTL	<input type="checkbox"/> Y PITS	<input type="checkbox"/> Y DISPOSAL
<input type="checkbox"/> SECURITY	<input type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> SOLD	<input type="checkbox"/> LEASE USE
--	-------------------------------	------------------------------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

METER, HEATER/TREATER, TANK

REMARKS:

.750 ORIFICE, 350 PSI TUBING PRESSURE, PIT IN CLAYEY, SILTY SANDSTONE
SIGN LAYING DOWN

ACTION:

INSTALL LEGAL IDENTIFICATION

INSPECTOR: WILLIAM MOORE

DATE: 12/07/84

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☐ well ☒ other
2. NAME OF OPERATOR
Fortune Oil Company
3. ADDRESS OF OPERATOR
3450 Highland Dr. #200, SLC, UTAH
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1841' FSL & 1749' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>WELL ON PRODUCTION</u>		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Fortune Oil, Ltd., herewith advises that the subject well which was shut-in on July 11, 1985, was placed back on production on February 11, 1986 at 12:35 p.m. Sale of production to Mesa Pipeline Company.

Per applicable regulations, verbal notification was given BLM office, Moab District, on February 14, 1986.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *Sherrie G. Wynn* TITLE Operations Manager DATE 2/18/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE
U-04967-C
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal
9. WELL NO.
#23-1
10. FIELD OR WILDCAT NAME
San Arroyo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T16S, R24E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30721 CDMTN
15. ELEVATIONS (SHOW DF, KDB, AND WD)
8432' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, UT
84180-1203. • (801-538-5340)

DOGM 56-64-
an equal opportunity employer

Page 1 of 1

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

~~OLD~~

~~NEW~~

~~FORTUNE OIL COMPANY~~ FORTUNE OIL LTD

3450 HIGHLAND DR #200

SALT LAKE CITY UT 84106

ATTN: SCHEREE E. WILCOX

Utah Account No. N2260

Report Period (Month/Year) 2 / 86

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
✓ 4301930135	00582	16S 25E 8	CDMTN				
✓ ANDERSON, FED #2							
✓ 4301930136	00583	16S 24E 12	CDMTN				
✓ FEDERAL #23-1							
✓ 4301930721	00584	16S 24E 1	CDMTN				
✓ FEDERAL #17-8							
✓ 4301931099	00585	16S 25E 8	DKTA				
✓ FEDERAL #31-1							
✓ 4301931030	00586	16S 24E 1	DKTA				
✓ FEDERAL #34-31							
✓ 4301931046	00586	15S 25E 31	DKTA				
✓ FEDERAL #43-7							
✓ 4301930991	00587	16S 25E 7	CDMTN				
✓ FEDERAL 24-1							
✓ 4301930955	00588	16S 24E 24	CDMTN				
✓ FEDERAL #21-7							
✓ 4301930755	00589	16S 25E 7	CDMTN				
TOTAL							

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

OIL COMPANY LTD.
Fortune

February 17, 1986

Utah Division of Oil, Gas & Mining
3 Triad Center
355 West North Temple
Salt Lake City, Utah 84180

RECEIVED
FEB 24 1986

Attention: Mr. Norm Stout

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Effective January 10, 1986, Fortune Oil Company, a privately held corporation duly organized and existing under the laws of the State of Utah, was officially and formally dissolved. Effective that date, all remaining assets of that Corporation, including any and all interest in producing wells, leasehold estates, outside operated wells, Farmout Agreements, etc., will be held and, where applicable, operated by Fortune Oil, Ltd., a Utah limited partnership.

All operations which have previously been conducted by Fortune Oil Company will continue to be handled by Fortune Oil Ltd. New and additional operations, including future prospective exploratory programs, will be conducted under Anderson Exploration Company, a corporation duly organized in October, 1980, validly existing and in good standing under the laws of the State of Utah.


Personnel shall be the same under both Fortune Oil, Ltd. and Anderson Exploration Company. Please address further correspondence with respect to Fortune Oil Company interests to its successor in interest as follows:

FORTUNE OIL, LTD.
3450 Highland Drive, Suite 200
Salt Lake City, Utah 84106

Should you have any questions relative to the above, please call (801) 485-7797.

Sincerely yours,

FORTUNE OIL, LTD., by
K & J INVESTMENT COMPANY,
its Managing Partner


John R. Anderson
President

RECEIVED
JUL 14 1987

FORTUNE OIL LTD.
3450 HIGHLAND DRIVE, SUITE 200
SALT LAKE CITY, UTAH 84106
(801) 485-7797

DIVISION OF
OIL, GAS & MINING

July 13, 1987

Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

072825

15685

RE: Fortune Oil Ltd. Account No. N2260
San Arroyo Gas Field, Grand County, Utah

Gentlemen:

This letter is to advise you that Fortune Oil Ltd. has, effective June 1, 1987, sold all of its interest in the below listed producing gas wells and in the Federal leases upon which the wells are located in the San Arroyo Gas Field, Grand County, Utah, to Bonneville Fuels Corporation, Denver, Colorado.

<u>FEDERAL WELL NUMBER</u>	<u>API NUMBER</u>	<u>STATE ENTITY</u>
X Anderson Federal #1	4301930135	00582
X Anderson Federal #2	4301930136	00583
X Federal #23-1	4301930721	00584
/ Federal #17-8	4301931099	00585
/ Federal #31-1	4301931030	00586
/ Federal #34-31	4301931046	00586
/ Federal #43-7	4301930991	00587
/ Federal #24-1	4301930955	00588
/ Federal #21-7	4301930755	00589

Please be advised that Bonneville Fuels Corporation will be furnishing all reports to you in the future for these wells beginning June, 1987. Please forward any future correspondence and report forms required for these wells and properties to Bonneville, including the Monthly Oil and Gas Production Report and the Disposition Report. We assume that Bonneville has initiated the necessary paperwork with your office to set up their payor account. In the event it is necessary to contact Bonneville Fuels, their address is 600 Seventeenth Street, Suite 710 North, Denver, Colorado 80202, attention Mr. Greg Twombly, President, and their telephone number is (303) 623-5600.

Sincerely yours,

FORTUNE OIL LTD.

Scheree Wilcox
Scheree Wilcox
Operations Manager

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92311015	FEDERAL #31-1 16S 24E 1	06	07	1	10/85	1000
92114015	ANDERSON #2 16S 24E 12	06	07	9	12/85	0900
92283011	FEDERAL #21-7 16S 25E 7	06	07	4	12/85	0930
92283014	FEDERAL #24-1 16S 24E 24	06	07	4	12/85	1130
92286010	FEDERAL #43-7 16S 25E 7	06	07	4	12/85	1030
92312011	FEDERAL #34-31 15 1/2 S 25E 31	06	12	2	10/85	0900
92314014	FEDERAL #17-8 16S 25E 8	06	12	11	11/85	1100
92113019	ANDERSON #1 16S 25E 8	06	12	10	12/85	1100
92284018	FEDERAL #23-1 16S 24E 1	06	12	10	12/85	1200

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DRAFT

PRODUCING WELL INSPECTION RECORD

WELL NAME & NUMBER Federal 23-1 API NUMBER 43-019-30721
LOCATION: 1/4 NE 1/4 SW SECTION 1 TOWNSHIP 16 RANGE 24 COUNTY Garfield
OPERATOR OF RECORD Bonneville Fuels Corp. STATUS OF RECORD _____
INSPECTOR NAME JM TIME 11:28 DATE 12-20-88

General

Well status: (A) Producing (B) Non-producing
(C) Workover occurring A
If non-producing, is there evidence of recent
production? (explain)
Well sign present and legible Y
Fire protection satisfactory Y
Pollution protection satisfactory Y
Safety protection satisfactory Y
Spills, discharges, leaks controlled N

Liquid hydrocarbon production and handling

Measured by: (A) Tank gauge (B) LACT meter
(C) Other (explain) A
Measurement of production is: (A) Onsite
(B) Offsite A
Storage of production is: (A) Onsite
(B) Offsite A
Is production from several wells commingled?
(explain) N
Measurement satisfactory Y
Production/storage satisfactory Y
Tank and/or valve seals Y

Natural gas production and handling

Type of gas production: (A) Gas well
(B) Casinghead A
Gas disposition: (A) Sold (B) Flared/vented
(C) Used on lease (D) A and C (E) B and C
(D) Other (explain) A
Measured by: (A) Orifice meter (B) Turbine
meter (C) Estimated (D) Other (explain)
..... A
Measurement of production is: (A) Onsite
(B) Offsite A
Is production from several wells commingled?
(explain) N
Does liquids processing occur onsite? .. Y
Measurement satisfactory Y
Production/transportation satisfactory Y

Water disposal

Is produced water stored onsite?
Disposal location is: (A) Onsite (B) Offsite
.....
Disposal method is: (A) Unlined pit (B) Lined
pit (C) Injection well (D) Other
(explain) A
Onsite storage satisfactory Y
Onsite pits satisfactory Y

Facilities/equipment

Is supplemental fuel used for equipment? N
Wellhead Y
Xmas tree Y
Artificial lift (explain) Y
Separator Y
Dehydrator Y
Meter run Y
Heater treater
Boiler
Compressor
Line heater Y
Production tank Y
Water tank
Firewall around tank Y
Other (explain)

Remarks appeared to be unloading into tank
225 pig bag 0 pig on tank
plunger lift for dewatering
orifice 0.500 ?
meter #570
check replace 12-13 @ 12:05

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

63

OPERATOR

LEASE

WELL NO.

Donnerville Fuel Fed 23-1

API

43-019-30721

SEC.

1

T. 16 S

R. 24 E

CONTRACTOR

COUNTY

Grand

FIELD

DRILLING/COMPLETION/WORKOVER:

☐ APD
☐ SAFETY
☐ OPERATIONS

☐ WELL SIGN
☐ POLL. CONTROL
☐ OTHER

☐ HOUSEKEEPING
☐ SURFACE USE

☐ SCPE
☐ PITS

SHUT-IN / TA :

☐ WELL SIGN
☐ OTHER

☐ HOUSEKEEPING

☐ EQUIPMENT*

☐ SAFETY

ABANDONED:

☐ MARKER

☐ HOUSEKEEPING

☐ REHAB.

☐ OTHER

PRODUCTION:

☒ WELL SIGN
☒ METERING*
☒ SECURITY

☒ HOUSEKEEPING
☒ POLL. CONTROL
☒ SAFETY

☒ EQUIPMENT*
☒ PITS
☒ OTHER

☐ FACILITIES*
☐ DISPOSAL

GAS DISPOSITION:

☐ VENTED/FLARED

☒ SOLD

☐ LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: LOC, wh., pits, glycol unit, tanks, meter,

REMARKS:

400 gpi/cy
300 gpi/cy plunger lift

ACTION:

INSPECTOR:

JM

DATE 10-11-88

~~Microfilm~~

NE

SW

DATE: 5/10/20

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: BONNEVILLE FUELS CORP.

LEASE: U-04967-C

WELL NAME: FEDERAL #23-1

API: 43-019-30721

SEC/TWP/RNG: 01 16.0 S 24.0 E

CONTRACTOR:

COUNTY: GRAND

FIELD NAME: EAST CANYON

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN - / TA -:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
Y METERING *	Y POLLUTION CNTL	Y PITS	- DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	Y SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOC., WH, SHED, 2 PITS, DEHY, 210 BBL. OS TANK, MET..

REMARKS:

PGW.

ACTION:

INSPECTOR: CHRIS KIERST

DATE: 07/30/91

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: BONNEVILLE FUELS CORP

LEASE: U-04967-C

WELL NAME: FEDERAL #23-1

API: 43-019-30721

SEC/TWP/RNG: 01 16.0 S 24.0 E

CONTRACTOR:

COUNTY: GRAND

FIELD NAME: EAST CANYON

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN / TA -:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
Y METERING *	Y POLLUTION CNTL	Y PITS	Y DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	Y SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOC,WH,SHED,PITS X2,HTD SEP,DEHY,TKS OS 1X210,MET

REMARKS:

PGW

ACTION:

INSPECTOR: TED SMITH

DATE: 08/18/92

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number 7. Indian Allottee or Tribe Name 8. Unit or Communitization Agreement 9. Well Name and Number See Exhibit A
2. Name of Operator Bonneville Fuels Corporation		10. API Well Number
3. Address of Operator 1660 Lincoln Street, Ste 1800, Denver, CO 80264	4. Telephone Number (303) 863-1555	11. Field and Pool, or Wildcat
5. Location of Well Footage : See Exhibit A County : QQ, Sec. T., R., M. : State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other Change of Operator	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate Date Work Will Start _____		Date of Work Completion _____	
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.			

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Bonneville Fuels Corporation has sold all of its interest in the attached wells to Beartooth Oil and Gas. Beartooth Oil & Gas will assume operations of these wells March 1st 1993.

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MAR. 08 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature Doris Maly *Doris Maly* Title Engineering Tech Date 3/1/93
 (State Use Only)

EXHIBIT "A"
Attached to and made a part of that certain Sundry Notice
Executed March 1, 1993, Change of Operator

<u>Lease Number</u>	<u>Well Name</u>	<u>API #</u>	<u>Location</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Fee 00582	Anderson 1-8	4301930135	SE/SW	8	16S	25E
U-05010-C	Federal 17-8	430 ^{0/9} 17 31099	SW/NE	8	16S	25E
U-05010-C	Federal 21-7	4301930755	NE/NW	7	16S	25E
U-04967-C	Federal 23-1	4301930721	NE/SW	1	16S	24E
U-04967-C	Federal 31-1	4301931030	SE/SE	1	16S	24E
U-04967-C	Federal 34-31	4301931046	SW/SW	31	15S	25E
U-05010-C	Federal 43-7	4301930991	NW/SE	7	16S	25E
U-08351	Federal 7-30-15-23	43047 31247	NW/SE	30	15S	23E

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DIVISION OF
OIL GAS & MINING

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Beartooth Oil & Gas Company

3. Address and Telephone No.

P. O. Box 2564, Billings, Montana 59103 (406) 259-2451

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESW Sec. 1, T. 14S, R. 24E.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other
- Change of Operator

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Beartooth Oil & Gas Company has acquired Bonneville Fuel Corporation's interest in the wells listed on the attachment and assumed operations effective March 1, 1993.

These wells will be covered under Beartooth's Federal Statewide Bond No. 55-77-50.

LIT 0033

MAR 9 1993
received
B.L.M.
District

14. I hereby certify that the foregoing is true and correct.

Signed Donald E. RobertsTitle PresidentDate March 9, 1993

(This space for Federal or State office use)

Approved by William C. HangerTitle Assistant District Manager for MineralsDate 3/15/93

Conditions of approval, if any:

CONDITIONS OF APPROVAL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

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MAR 10 1993

Page ____ of ____

DIVISION OF
OIL GAS & MINING
PRODUCING ENTITY ACTION

Operator Name BEARTOOTH OIL & GAS CO.
Address P. O. BOX 2564
City BILLINGS State MT Zip 59103
Utah Account No. N1790
Authorized Signature Julie Roe
Effective Date March 1, 1993 Telephone (406) 259-2451

ACTION CODE

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary.)

BRACKET WELLS TO BE GROUPED TOGETHER.

(Use black ink or typewriter ribbon.)

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location					Producing Formation
					Sec.	T	R	Q/Q	County	
F	00582		4301930135	Anderson Federal #1	8	16S	25E	SESW	Grand	CDMTN

Explanation of action:

Change operator from Bonneville Fuels to Beartooth Oil & Gas Company

F	00585		4301931099	Federal 17-8	8	16S	25E	SWNE	Grand	DKTA
---	-------	--	------------	--------------	---	-----	-----	------	-------	------

Explanation of action:

Change operator from Bonneville Fuels to Beartooth Oil & Gas Company

F	00589		4301930755	Federal 21-7	7	16S	25E	NENW	Grand	CDMTN
---	-------	--	------------	--------------	---	-----	-----	------	-------	-------

Explanation of action:

Change operator from Bonneville Fuels to Beartooth Oil & Gas Company

F	00584		4301930721	Federal 23-1	1	16S	24E	NESW	Grand	CDMTN
---	-------	--	------------	--------------	---	-----	-----	------	-------	-------

Explanation of action:

Change operator from Bonneville Fuels to Beartooth Oil & Gas Company

an equal opportunity employer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Beartooth Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, MT 59103 (406)259-2451		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. SEE EXHIBIT "A"
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

CHANGE OF OPERATOR

FULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Beartooth Oil & Gas Company has acquired Bonneville Fuel Corporation's interest in the wells listed on Exhibit "A" and assumed operations of these wells on March 1, 1993.

These wells will be covered under Beartooth's Federal Statewide Bond No. 55-77-50.

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MAR 12 1993

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Grace E. Brown

TITLE

Lease Consultant

DATE

3/10/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

EXHIBIT "A"

Attached to and made a part of that certain Sundry Notice
Executed March 9, 1993, Change of Operator

<u>Lease Number</u>	<u>Well Name</u>	<u>API #</u>	<u>Location</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
U-05010-C	Anderson 1-8	4301930135	SE $\frac{1}{4}$ SW $\frac{1}{4}$	8	16S	25E
U-05010-C	Federal 17-8	4304731099	SW $\frac{1}{4}$ NE $\frac{1}{4}$	8	16S	25E
U-05010-C	Federal 21-7	4301930755	NE $\frac{1}{4}$ NW $\frac{1}{4}$	7	16S	25E
U-04967-C	Federal 23-1	4301930721	NE $\frac{1}{4}$ SW $\frac{1}{4}$	1	16S	24E
U-04967-C	Federal 31-1	4301931030	SE $\frac{1}{4}$ SE $\frac{1}{4}$	1	16S	24E
U-04967-C	Federal 34-31	4301931046	SW $\frac{1}{4}$ SW $\frac{1}{4}$	31	15S	25E
U-05010-C	Federal 43-7	4301930991	NW $\frac{1}{4}$ SE $\frac{1}{4}$	7	16S	25E
U-08351	Federal 7-30	4304731247	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	15S	23E

All located in Grand County, Utah with the
exception of the Federal 7-30 which is located
in Uintah County, Utah.

RECEIVED

MAR 12 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	7-LEC
2-DTS	7-DTS
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator) BEARTOOTH OIL & GAS CO
(address) PO BOX 2564
BILLINGS MT 59103
phone (406) 259-2451
account no. N 1790

FROM (former operator) BONNEVILLE FUELS CORP
(address) 1660 LINCOLN STE 1800
DENVER CO 80264
DORIS MALY
phone (303) 863-1555
account no. N 5685

Well(s) (attach additional page if needed):

Name: <u>ANDERSON FED #1/CDMTN</u>	API: <u>43-019-30135</u>	Entity: <u>582</u>	Sec <u>8</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U05010C</u>
Name: <u>FED #23-1/CDMTN</u>	API: <u>43-019-30721</u>	Entity: <u>584</u>	Sec <u>1</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>U04967C</u>
Name: <u>FED #17-8/DKTA</u>	API: <u>43-019-31099</u>	Entity: <u>585</u>	Sec <u>8</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U05010C</u>
Name: <u>FED #31-1/DKTA</u>	API: <u>43-019-31030</u>	Entity: <u>586</u>	Sec <u>1</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>U04967C</u>
Name: <u>FED #34-31/DKTA</u>	API: <u>43-019-31046</u>	Entity: <u>586</u>	Sec <u>31</u> Twp <u>15S</u> Rng <u>25E</u>	Lease Type: <u>U04967C</u>
Name: <u>FED #43-7/CDMTN</u>	API: <u>43-019-30991</u>	Entity: <u>587</u>	Sec <u>7</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U05010C</u>
Name: <u>FED #21-7/CDMTN</u>	API: <u>43-019-30755</u>	Entity: <u>589</u>	Sec <u>7</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U05010C</u>

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 3-8-93)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-10-93) (Rec'd 3-12-93)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (5-12-93)
- Sec 6. Cardex file has been updated for each well listed above. (5-12-93)
- Sec 7. Well file labels have been updated for each well listed above. (5-12-93)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (5-12-93)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 5/14/93 1993. If yes, division response was made by letter dated 5/14/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 5/14/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: May 18 1993.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930512 Bfm/Moab Approved on 3-15-93, eff. 3-1-93.
Bfm/S.Y. Approved CA's UTO60P49-84C719 & mo49P-84700C eff. 4-20-93.